ABUS

Security Tech Germany

Video
2012 Catalog

Network cameras, analog cameras, recording systems, accessories

Dear ABUS Security-Center partner,

It's arrived: the new video catalog 2012. On 126 pages you can find all the arguments you need for getting your customers interested in making a purchase.

We placed special emphasis on the user-friendliness of our products. The systematic expansion of our IP product range, including control using apps, is sure to be greeted with enthusiasm by your customers.

Made in Germany: with the new HDVR generation, we created a recording system that is capable of processing image signals from network, analog, and HD-SDI cameras at the same time.

With our HD-SDI portfolio (p. 48 and 82), you'll be among the first to be able to offer analog video technology in brilliant HD resolution – and that over time-tested coaxial cable.

Wherever simple video technology for private or small business use is needed, the popular ABUS wireless video set (p. 78) and the new mini HD camcorder (p. 94) are particularly good solutions.

In addition to innovative products, our further optimized service quality makes the crucial difference. The 2012 highlight: you now benefit from a international network of sales and technical field employees.

I hope you enjoy the new catalog. On my own behalf and in the name of the entire ABUS Security-Center team, I thank you for your trust.

Cordially,

Philippe Bremicker

Contents

Video

ABUS technology highlights: Video

► ABUS server

It enables access via the Internet to local video recording systems and network cameras. This ensures that dynamic IP addresses can be easily managed.

QIS ◄

Quick Installation Setup is a software-supported programming aid used in many ABUS analog cameras. This function helps in the selection of the right basic camera settings and makes on-site setup easier.

► Easy Plug

Thanks to this technology, ABUS cameras can be easily and quickly attached to the ceiling or wall. Easy Plug also allows the camera module to be quickly changed during service visits.

HD-SDI ◄

This new technology stands for real-time 1080p resolution via coaxial cable. This makes HD-SDI the logical further development of analog camera technology – from TVL to megapixels.

ABUS technology highlights: Video

WLAN with network cameras ▶

Only a few manufacturers offer this. Almost all ABUS network cameras offer the option of signal transmission via WiFi. This makes these models particularly flexible, enabling operation nearly everywhere. Except for the power supply, these cameras don't need cables.

◀ Plug & Play

Plug & Play means that these products are optimized for fast installation and immediate use – the TVAC15000 wireless transmission set has this functionality, for example.

IR range setting ▶

For many ABUS cameras, the intensity and beam spread of the IR LEDs can be manually set. This allows the required area of illumination to be flexibly adapted to the environment in which surveillance is being carried out. Objects located very near in the camera's viewing range can be captured without flashlight effects.
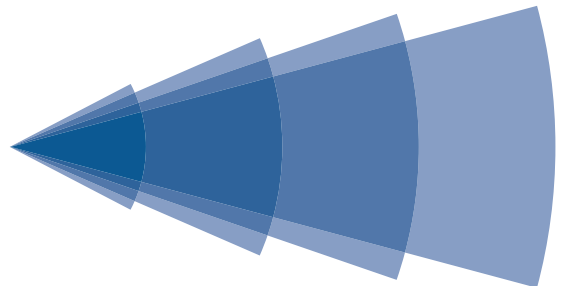
◀ DVR installation wizard

Similar to the QIS technology for cameras, this assistant makes it easier for you to set up all relevant configurations of a video surveillance recorder. This saves time and work when you are putting the video system into operation.

NETWORK CAMERAS

Closed circuit television is becoming worldwide television – the comprehensive ABUS network camera range offers cameras for every application and with excellent value for money. Our network camera highlights include: 2.0 megapixel resolution in diverse models an alarm/video combination, and sturdy outdoor dome cameras with WLAN.

Home installation example

WLAN   WLAN

Wireless camera outdoors
for front door surveillance, for example

Wireless camera outdoors
for garage surveillance, for example

Network camera indoors
for hallway surveillance, for example

Network camera indoors
for living room surveillance, for example

ROUTER

PC

Access via PC

ABUS

SD

Data recording

WWW

PC

Evaluation of the supplied
camera images via PC

Branch surveillance installation example

16 x

Up to 16 VGA cameras

4 x

or up to four 2.0 MPx cameras

8 x

or up to eight 1.3 MPx cameras

Data recording

Access via monitor

ROUTER

CMS

Access via PC

WWW

1

Additional branches

2

Additional branches

PC

Evaluation of the supplied camera images via PC or iPhone App

APP
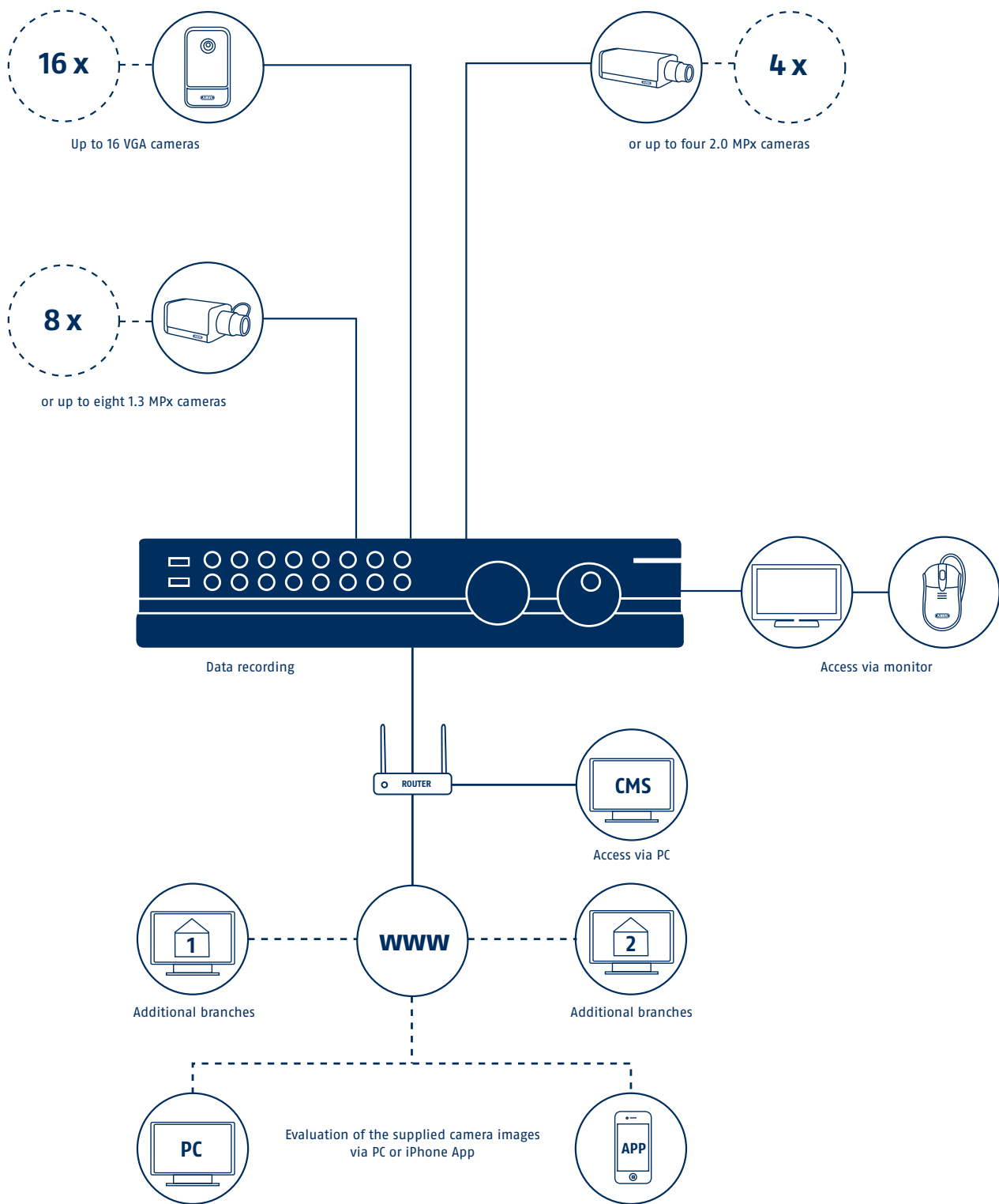
Standard network cameras

- HD 1080p 2.0 MPx resolution: 1920 x 1080 @ 25 fps
- Day & night function with electromechanical swiveling IR cut filter
- Analog video output for service purposes
- Real-time streaming with H.264 compression
- Integrated SD card slot
- ePTZ function for simulation of a pan/tilt/zoom system
- PoE IEEE 802.3af

TVIP52501   Supplied without lens

ABUS

A combination with detailed results: ABUS network cameras and IR Vario megapixel lenses. Thus you achieve a high degree of detail even at great distances. Thanks to their two million pixels of resolution, the surveillance area of these cameras is several times larger than that of a conventional VGA camera. This makes it possible to identify a person or read a license plate number even when the image width is up to eight meters (assuming that suitable lighting conditions are available). These camera models are the right choice particularly for surveillance of entry areas.

Suitable advertising material
Details from p. 126

ABUS

**Network cameras
PoS flyer**
MPOS10006

Standard network cameras

Item number	TVIP51500	TVIP51550	TVIP52501
Description	Day & night 1.3 megapixel network camera	Day & night 1.3 megapixel WLAN network camera	Day & night HD 1080p 2.0 MPx real-time network camera
Max. resolution @ frame rate	1280 x 1024 @ 15 fps	1280 x 1024 @ 15 fps	1920 x 1080 @ 25 fps
Day/night switching	Electromechanically removable IR cut filter	Electromechanically removable IR cut filter	Electromechanically removable IR cut filter
Image sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor	1/2.7" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264
Storage medium	32 GB SD card	32 GB SD card	32 GB SD card
Network connection	RJ45	RJ45/802.11 b/g	RJ45
PoE	802.3af		802.3af
IP protection class	34	34	34
Power supply	12 V DC	12 V DC	12 V DC/24 V AC
Power consumption	350 mA	420 mA	420 mA
Dimensions (W × H × D)	68 × 59 × 120 mm	68 × 59 × 120 mm	76 × 60 × 162 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount incl. installation material
Required accessories	Lens, recording device (see below for recommendation)	Lens, recording device (see below for recommendation)	Lens, recording device (see below for recommendation)

Price exclude VAT	€ 349.00 • £ 304.00 • $ 454.00	€ 399.00 • £ 347.00 • $ 519.00	€ 599.00 • £ 521.00 • $ 779.00

WLAN antenna
SD card slot
LAN
Audio input/ output
Digital input/output
Power supply

TVIP51550

Microphone input
Video/audio output
SD card slot
LAN
Power supply
Setting NTSC/PAL Ext./int. microph.

TVIP52501

Product recommendations

Accessories

TVAC65501
1/3" IR Vario, 3.1 - 8.0 mm megapixel lens
Details on p. 98

TVAC40840
10 m CAT-5 cable
Details on p. 104

TV8494
Outdoor housing with heating and power supply unit
Details on p. 100

TVAC25000
PoE injector
Details on p. 118

Recording devices

TVVR70020
16-channel NAS
Details on p. 33

TVVR45020
16-channel network video recorder (NVR)
Details on p. 35

TVVR60010
8-channel HDR plus hybrid digital recorder
Details on p. 39

TV8964
32 GB SDHC card
Details on p. 117

Compact network cameras

App available

UPDATE

TVIP11551

- HD 1.3 MPx resolution: 1280 x 1024 @ 15 fps
- 1/4" progressive scan CMOS sensor
- 6 integrated IR LEDs for day/night function
- Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (quad stream)
- RTSP protocol for mobile access (3GPP)
- Built-in sensors for motion and sound
- Storage of the video data on NAS/network drives
- 2-way audio
- WLAN interface IEEE 802.11b/g 54 Mbit

Discreet, modern, compact, and an inexpensive introduction into network technology: from VGA resolution to a WLAN day & night surveillance camera with 1.3 megapixels and IR. What is common to all models is the optimal price/performance ratio, the free video management software (VMS Express), and the option of access through an app.
The image quality has been further improved, and the cameras now have LEDs that can be switched off.

Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MPOS10006

Compact network cameras

Item number	TVIP10001	TVIP10051	TVIP11501	TVIP11551
Description	Compact network camera	Compact WLAN network camera	Compact IR megapixel camera	Compact WLAN IR megapixel camera
Max. resolution @ frame rate	640 x 480 @ 25 fps	640 x 480 @ 25 fps	1280 x 1024 @ 15 fps	1280 x 1024 @ 15 fps
Day/night switching			Electromechanical swiveling IR cut filter (ICR), color/b-w	Electromechanical swiveling IR cut filter (ICR), color/b-w
IR range			5 m	5 m
Focal length	4.0 mm	4.0 mm	4.0 mm	4.0 mm
Horizontal angle of view	52.6°	52.6°	48.1°	48.1°
Image sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4	MJPEG, MPEG-4	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264
Network connection	RJ45	RJ45/802.11 b/g	RJ45	RJ45/802.11 b/g
IP protection class	34	34	34	34
Power supply	12 V DC	12 V DC	12 V DC	12 V DC
Power consumption	167 mA	233 mA	375 mA	442 mA
Dimensions (W × H × D)	65 × 118 × 42 mm	65 × 118 × 42 mm	65 × 118 × 42 mm	65 × 118 × 42 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount incl. installation material
Required accessories	Recording device (see below for recommendation)	Recording device (see below for recommendation)	Recording device (see below for recommendation)	Recording device (see below for recommendation)

Price exclude VAT	€ 119.00 • £ 104.00 • $ 155.00	€ 149.00 • £ 130.00 • $ 194.00	€ 299.00 • £ 260.00 • $ 389.00	€ 339.00 • £ 295.00 • $ 441.00

Audio output

Power supply

LAN

TVIP11551

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

Recording devices

TVVR35000
4-channel video buffer
Details on p. 33

TVVR35010
8-channel network video recorder (NVR)
Details on p. 35

Network cameras

PIR network camera

- HD 720p resolution: 1280 x 720 @ 25 fps
- Surveillance mode with video verification
- Motion detection via PIR sensor with RAS (real alarm selection)
- Integrated white light LEDs activated via motion detection
- An ideal addition to Secvest IP for combining video and alarm technology
- Virtual alarm inputs and outputs for communication via Secvest IP
- Integrated microSD card slot
- WLAN n standard
- Integrated Microfon

Integrate the PIR network camera into IP-based alarm systems such as the Secvest IP or the IP alarm module. If an alarm is triggered, the camera records and sends photos of before and after the alarm via e-mail – and to mobile devices as well. This enables a prompt visual alarm verification. False alarms triggered by natural heat motion caused by heaters, for example, are reliably prevented thanks to the combination of PIR nend video motion sensors. The white light LEDs allow color details to be discerned even at night. Also possible: standalone use as a video alarm camera via SD card and network.

Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MP0S10006

PIR network camera

Item number	TVIP41550

Description	PIR network camera
Max. resolution @ frame rate	1280 x 720 @ 25 fps
White light LEDs	2 x 1-watt LEDs
Focal length	3.45 mm
Horizontal angle of view	57.8°
Image sensor	1/4" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264
Storage medium	32 GB microSD card
Network connection	RJ45, 10/100 MBit/802.11 b/g/n
IP protection class	34
Power supply	12 V DC
Power consumption	420 mA
Dimensions (W × H × D)	80 × 120 × 37 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount
Required accessories	Recording device (see below for recommendation)

Price exclude VAT	€ 349.00 • £ 304.00 • $ 454.00

MicroSD card slot

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

FUAA10011
Secvest IP wireless alarm panel

Recording devices

TVVR35000
4-channel video buffer
Details on p. 33

TVVR35010
8-channel network video recorder (NVR)
Details on p. 35

TVAC40970
4 GB microSD card
Details on p. 117

Pan & tilt network cameras

App available

- HD 1.3 MPx resolution: 1280 x 1024 @ 15 fps
- 1/4" progressive scan CMOS sensor
- 12 integrated IR LEDs for day/night function
- Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (quad stream)
- 32 preset positions/4 patrols
- Built-in sensors for motion and sound
- 1 alarm input/1 switching output
- Storage of the video data on NAS/ network drives
- WLAN IEEE 802.11b/g 54 Mbit

TVIP21551

UPDATE

Set1   Set2   Set3
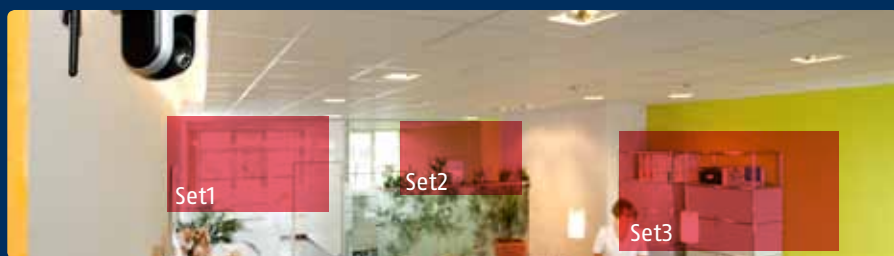
Thanks to adjustable preset positions and four programmable "guard tours", you can monitor an entire room with just one camera. If required, you can of course switch to manual control: you can pan and tilt this camera using an app, the VMS or a browser. In this way your customers can always keep an eye on what is happening on site even when they are on the go.

Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MPOS10006

Pan & tilt network cameras

Item number	TVIP21501	TVIP21551
Description	Day & night pan/tilt 1.3 MPx network camera	Day & night pan/tilt 1.3 MPx WLAN network camera
Max. resolution @ frame rate	1280 x 1024 @ 15 fps	1280 x 1024 @ 15 fps
Day/night switching	Electromechanical swiveling IR cut filter (ICR), color/b-w	Electromechanical swiveling IR cut filter (ICR), color/b-w
IR range	10 m	10 m
Focal length	4.0 mm	4.0 mm
Horizontal angle of view	48.1°	48.1°
Image sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264
Network connection	RJ45	RJ45/802.11 b/g
Pan/tilt range	354°/125°	354°/125°
IP protection class	34	34
Power supply	12 V DC	12 V DC
Power consumption	670 mA	740 mA
Dimensions (W × H × D)	112 × 114 × 114 mm	112 × 114 × 114 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount incl. installation material
Required accessories	Recording device (see below for recommendation)	Recording device (see below for recommendation)

Price exclude VAT	€ 439.00 • £ 382.00 • $ 571.00	€ 479.00 • £ 417.00 • $ 623.00

WLAN antenna

LAN

Power supply

Digital input/output

TVIP21551

Audio input

Audio output

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

TVAC70050
Outdoor housing for P/T WLAN network cameras
Details on p. 101

Recording devices

TVVR35000
4-channel video buffer
Details on p. 33

TVVR35010
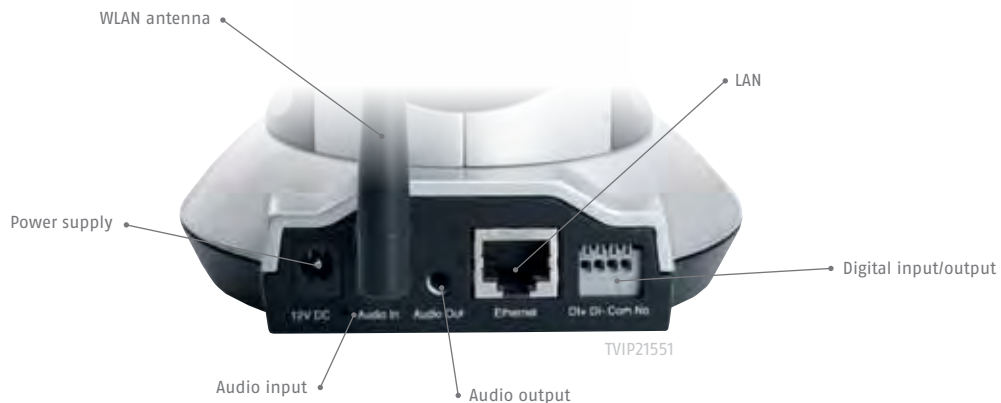8-channel network video recorder (NVR)
Details on p. 35

Outdoor network cameras

App available

- HD 2.0 MPx resolution: 1600 x 1200 @ 15 fps
- Day & night function with electromechanical swiveling IR cut filter
- IR LEDs for night view with adjustable intensity
- Auto IR function
- Power over Ethernet (PoE, 802.3af)

NEW

TVIP62000

TVIP60550

This 2.0 MPx outdoor network camera convinces with outstanding image properties and provides you with everything in a single package: internal cable routing, pre-installed 3-axis mount, and a sunshield. Many ABUS Security-Center specialist installation contractors are particularly happy about the impressingly high degree of detail in the video images, even at night − thanks to the adjustable intensity of the IR LEDs and the auto IR function.
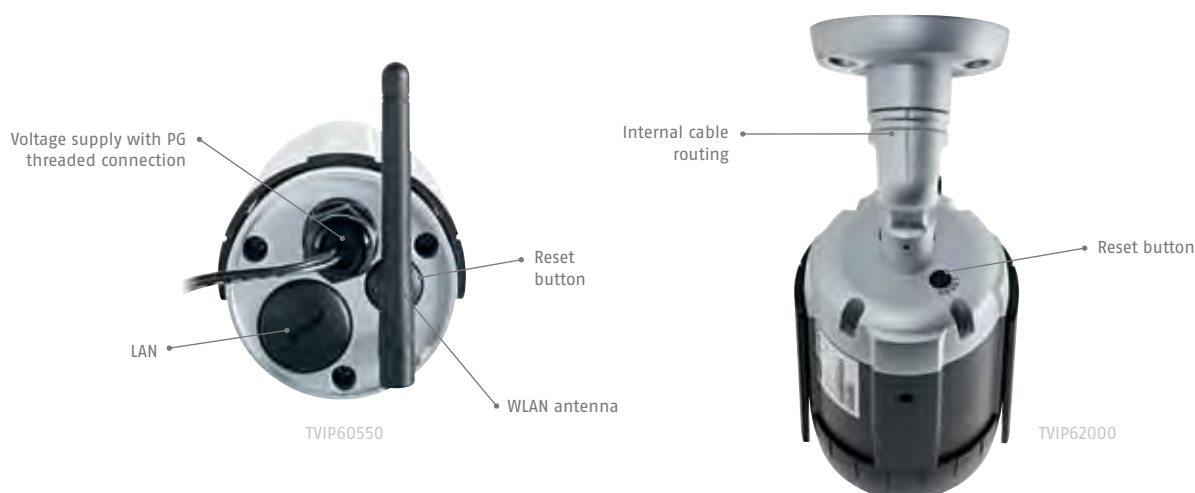
Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MPOS10006

Outdoor network cameras

Item number	TVIP60550	TVIP62000
Description	Outdoor IR VGA WLAN network camera	Outdoor day & night HD 2.0 MPx network camera
Max. resolution @ frame rate	640 x 480 @ 25 fps	1600 x 1200 @ 15 fps
Day/night switching	Electromechanically removable IR cut filter	Electromechanically removable IR cut filter
IR range	10 m	15 m
Focal length	4.0 mm	4.0 mm
Horizontal angle of view	53.1°	78°
Image sensor	1/4" progressive scan CMOS sensor	1/3" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264	H.264, MPEG-4, MJPEG
Network connection	RJ45/802.11 b/g/n	RJ45
PoE		802.3af
IP protection class	54	66
Power supply	12 V DC	12 V DC
Power consumption	300 mA	670 mA
Dimensions (W × H × D)	73 × 73 × 200 mm	88 × 84 × 240 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software • Wall/ceiling mount incl. installation material	Power supply unit • 1 meter network cable • VMS Express Software • Wall/ceiling mount (pre-installed) incl. installation material
Required accessories	Recording device (see below for recommendation)	Recording device (see below for recommendation)

Price exclude VAT	€ 349.00 • £ 304.00 • $ 454.00	€ 699.00 • £ 608.00 • $ 909.00

Voltage supply with PG threaded connection

Reset button

LAN

WLAN antenna

TVIP60550

Internal cable routing

Reset button

TVIP62000

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

TVAC25000
PoE injector
Details on p. 118

Recording devices

TVVR70020
16-channel NAS
Details on p. 33

TVVR45020
16-channel network video recorder (NVR)
Details on p. 35

TVVR60010
8-channel HDR plus hybrid digital recorder
Details on p. 39

Indoor network dome cameras

App available

UPDATE

TVIP31551

- HD 720p resolution: 1280 x 720 @ 25 fps
- Day & night LAN/WLAN dome camera (802.11b/g/n)
- Integrated IR LEDs for night vision
- Multi-stream technology
- Integrated motion sensor system
- Alarm input & switch output
- Analog video output for simple camera configuration
- Adjustable IR intensity
- MicroSD card slot
- Triax camera mount

The dome camera is ideal for 24/7 surveillance of interior spaces such as shops, offices, warehouses, or entry areas. The IR illumination is geared toward these areas: particularly relevant image excerpts can be defined in advance. In this way over-exposed faces can be avoided during nighttime surveillance, for example. The connected recorder system takes both the high and the low resolution stream and uses the appropriate stream depending on multidisplay screen or full screen images. This ensures a smooth display of all details at all times, even for mobile usage. This camera is especially "installer-friendly" thanks to the optional WLAN function and an analog output for a test monitor, for example.

Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MP0S10006

Indoor network dome cameras

Item number	TVIP31000	TVIP31050	TVIP31501	TVIP31551
Description	HD 1.3 MPx network dome camera	HD 1.3 MPx WLAN network dome camera	Day & night IR HD 720p network dome camera	Day & night IR HD 720p WLAN network dome camera
Max. resolution @ frame rate	1280 x 1024 @ 15 fps	1280 x 1024 @ 15 fps	1280 x 720 @ 25 fps	1280 x 720 @ 25 fps
Day/night switching			Electromechanically removable IR cut filter	Electromechanically removable IR cut filter
IR range			10 m	10 m
Focal length	4.0 mm	4.0 mm	4.0 mm	4.0 mm
Horizontal angle of view	49.9°	49.9°	62.6°	62.6°
Image sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264
Storage medium	32 GB microSD card	32 GB microSD card	32 GB microSD card	32 GB microSD card
Network connection	RJ45	RJ45/802.11 b/g/n	RJ45	RJ45/802.11 b/g/n
PoE	802.3af		802.3af	
Power supply	12 V DC	12 V DC	12 V DC	12 V DC

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software	Power supply unit • 1 meter network cable • 2 WLAN antennas • VMS Express Software	Power supply unit • 1 meter network cable • VMS Express Software	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software
Required accessories	Recording device (see below for recommendation)	Recording device (see below for recommendation)	Recording device (see below for recommendation)	Recording device (see below for recommendation)

Price exclude VAT	€ 369.00 • £ 321.00 • $ 480.00	€ 419.00 • £ 365.00 • $ 545.00	€ 429.00 • £ 373.00 • $ 558.00	€ 479.00 • £ 417.00 • $ 623.00

Digital switching input and output

Analog video output

LAN

Power supply

MicroSD card slot

PAL/NTSC setting for analog video output

WLAN antenna

TVIP31551

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

TVAC31020
Wall mount for dome cameras
Details on p. 102

TVAC25000
PoE injector
Details on p. 118

Recording devices

TVVR70020
16-channel NAS
Details on p. 33

TVVR45020
16-channel network video recorder (NVR)
Details on p. 35

TVVR60010
8-channel HDR plus hybrid digital recorder
Details on p. 39

TVAC40970
4 GB microSD card
Details on p. 117

Vandal-proof network dome camera

App available

- HD 2.0 MPx resolution: 1600 x 1200 @ 15 fps
- Vandal-proof LAN dome camera with IP54
- Large horizontal angle of view of 71°
- Vandal-proof, extra-flat housing design
- Power over Ethernet (PoE)

Particularly in rooms with low ceilings, you need a robust camera with a metal housing and IP54. Thanks to a wide angle of view of up to 71° and a specially flattened housing, this camera can look along the ceiling without any surveillance gaps.

Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MP0S10006

Vandal-proof network dome camera

Item number	TVIP72000

Description	**Vandal-proof HD 2.0 megapixel network dome camera**
Max. resolution @ frame rate	1600 x 1200 @ 15 fps
Focal length	4.0 mm
Horizontal angle of view	71°
Image sensor	1/3" progressive scan CMOS sensor
Video compression	H.264, MJPEG
Network connection	RJ45
PoE	802.3af
IP protection class	54
Power supply	12 V DC
Power consumption	250 mA
Dimensions (H × ⌀)	49 × 112 mm

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software
Required accessories	Recording device (see below for recommendation)

Price exclude VAT	**€ 599.00 • £ 521.00 • $ 779.00**

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

TVAC25000
PoE injector
Details on p. 118

Recording devices

TVVR70020
16-channel NAS
Details on p. 33

TVVR45020
16-channel network video recorder (NVR)
Details on p. 35

TVVR60010
8-channel HDR plus hybrid digital recorder
Details on p. 39

Outdoor network dome cameras

App available

UPDATE

- HD 720p resolution: 1280 x 720 @ 25 fps
- Vandal-proof WLAN outdoor dome camera with IP66
- Day/night function with integrated IR LEDs
- Analog video output for service purposes
- Wireless data transmission via WLAN IEEE (802.11b/g/n)
- Adjustable IR intensity
- Triax camera mount

Many infrastructures make it impossible to hide cables. This outdoor WLAN network dome camera is especially suitable in such situations. Thanks to a powerful WLAN antenna and protection class IP66, you can install functional surveillance even in difficult locations in the building or on the premises. The analog video output also makes this camera easier to configure using a test monitor.

Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MPOS10006

Outdoor network dome cameras

Item number	TVIP71501 UPDATE	TVIP71551 UPDATE
Description	Day & night IR HD 720p outdoor network dome camera	Day & night IR HD 720p outdoor WLAN network dome camera
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1280 x 720 @ 25 fps
Day/night switching	Electromechanically removable IR cut filter (ICR), color/b-w	Electromechanically removable IR cut filter (ICR), color/b-w
IR range	15 m	15 m
Focal length	2.7 - 9.0 mm	2.7 - 9.0 mm
Horizontal angle of view	81 - 25°	81 - 25°
Image sensor	1/4" progressive scan CMOS sensor	1/4" progressive scan CMOS sensor
Video compression	MJPEG, MPEG-4, H.264	MJPEG, MPEG-4, H.264
Storage medium	32 GB microSD card	32 GB microSD card
Network connection	RJ45	RJ45/802.11 b/g/n
PoE	802.3af	
IP protection class	66	66
Power supply	12 V DC	12 V DC

Scope of delivery includes	Power supply unit • 1 meter network cable • VMS Express Software	Power supply unit • 1 meter network cable • WLAN antenna • VMS Express Software
Required accessories	Recording device (see below for recommendation)	Recording device (see below for recommendation)

Price exclude VAT	€ 549.00 • £ 478.00 • $ 714.00	€ 599.00 • £ 521.00 • $ 779.00

LAN
Power supply
WPS/reset button
PAL/NTSC setting for analog video output
Analog video output
MicroSD card slot
Digital switching input and output
WLAN antenna

Product recommendations

Accessories

TVAC40840
10 m CAT-5 cable
Details on p. 104

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

TVAC31020
Wall mount for dome cameras
Details on p. 102

TVAC25000
PoE injector
Details on p. 118

Recording devices

TVVR70020
16-channel NAS
Details on p. 33

TVVR45020
16-channel network video recorder (NVR)
Details on p. 35

TVVR60010
8-channel HDR plus hybrid digital recorder
Details on p. 39

TVAC40970
4 GB microSD card
Details on p. 117

NETWORK AND HYBRID RECORDING SYSTEMS

Rely on the new, expanded recorder portfolio from ABUS Security-Center. No matter whether it is a small or large video surveillance project – we offer what you are looking for. In addition to established systems, innovations like HD-SDI and a new HDVR recorder are available – with an unbeatable number of options for configuring them yourself.

ABUS Video Management Software

SOFTWARE MADE IN GERMANY

Software certified by:

FIDUCIA
Ihr IT-Partner

IT-Partner im Verbund der
Volksbanken Raiffeisenbanken

- Integration of up to 64 cameras
- Dual stream technology
- Tamper monitoring
- Audio
- Intuitive software interface, adjustment of the live view via video PUK, drag & drop
- Playback on up to 4 monitors
- POS & ATM integration

The intuitive software interface of the VMS enables especially efficient and simple operation of the entire system. Using drag & drop and the video PUK, you can quickly and efficiently set up your screen according to your customers' requirements. A standardized interface allows you to quickly train employees – even if they have no expert knowledge.

With functions like protection against manipulation, lost focus, and covering, the connected cameras are always secured. The cover protection triggers as soon as the camera's view is blocked; the manipulation protection monitors the camera position. With loss-of-focus protection, the software detects when the camera is no longer in focus.
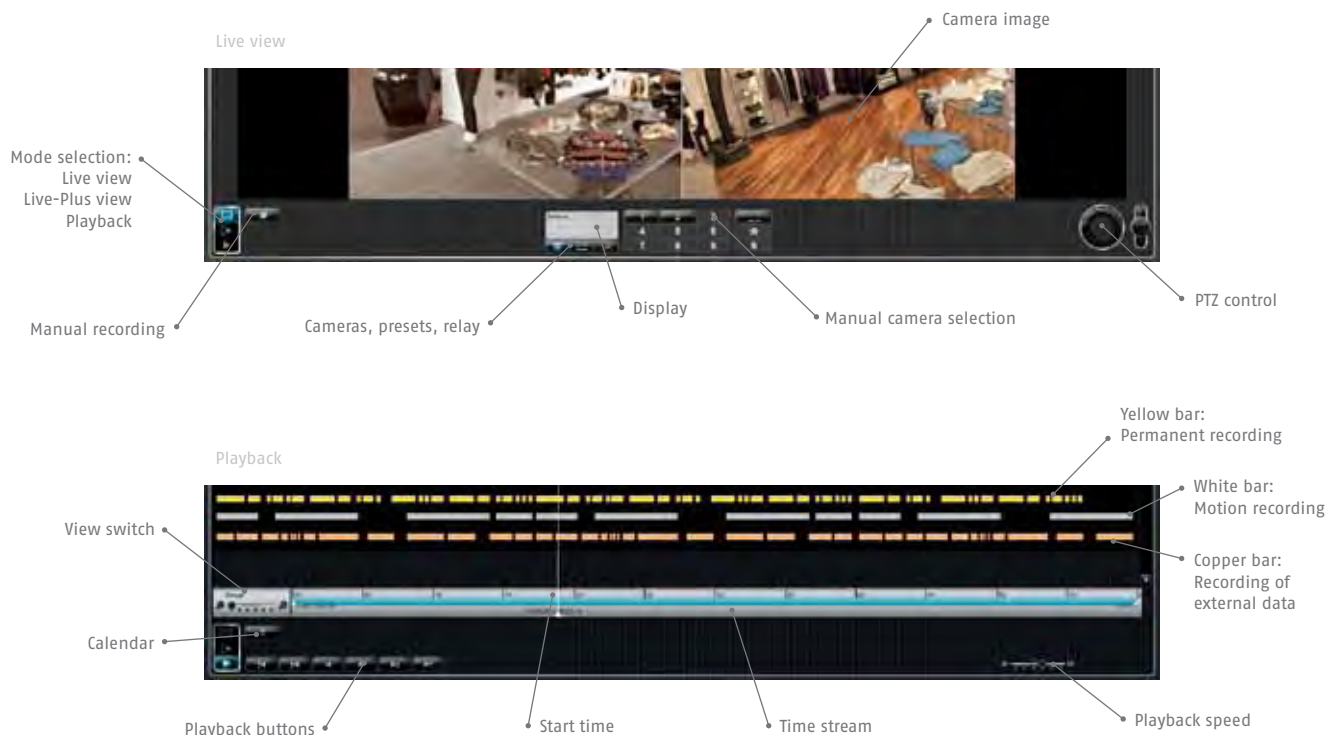
Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MPOS10006

ABUS Video Management Software

Item number	TV3230	TV3220	TV3200	TV3210
Description	ABUS VMS Express	ABUS VMS Basic	ABUS VMS Professional	ABUS VMS Enterprise
Total video channels (analog/IP)	9 (8/9)	16 (16/16)	16 (16/16)	64 (16/64)
Number of outstation accesses	Max. 1 monitor	1	3	Unlimited
Operating mode	Triplex	Triplex	Triplex	Triplex
Video compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Recording modes	Manual, schedule, movement, duration	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, duration	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, duration	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, duration
Pre-alarm/post-alarm memory		Up to 20 minutes/unlimited	Up to 20 minutes/unlimited	Up to 20 minutes/unlimited
Audio	Yes	Yes	Yes	Yes
Search modes	Date & time	By event, date & time	By event, date & time, POS & ATM data	By event, date & time, POS & ATM data
Tamper monitoring of video		Video failure, cover, manipulation, lost focus	Video failure, cover, manipulation, lost focus	Video failure, cover, manipulation, lost focus
Multi-monitor function		No	Dual-monitor operation possible	Quad-monitor operation possible
Number of browser accesses		1	3	3
Network functions	Live view, playback, storage, control relay	Live view, playback, storage, change settings, control relay, access via ABUS VMS Mobile	Live view, playback, storage, change settings, control relay, access via ABUS VMS Mobile	Live view, playback, storage, change settings, control relay, access via ABUS VMS Mobile
Requirements	Operating system: Windows Vista/7 32 bit/64 bit; USB port for dongle (not Express) Minimum: Intel Core™ i3 3.1 GHz; 2 GB RAM; 256 MB video memory; for 10x VGA: Intel Core™ i5 3.3 GHz; 2 GB RAM; 256 MB video memory; for 8x 2.0 MPx: Intel Core™ i5 3.4 GHz; 4 GB RAM; 256 MB video memory			

Price exclude VAT	-	€ 149.00 · £ 130.00 · $ 194.00	€ 249.00 · £ 217.00 · $ 324.00	€ 849.00 · £ 739.00 · $ 1.104.00

Live view

Camera image

Mode selection:
Live view
Live-Plus view
Playback

Manual recording

Cameras, presets, relay

Display

Manual camera selection

PTZ control

Playback

Yellow bar:
Permanent recording

White bar:
Motion recording

Copper bar:
Recording of
external data

View switch

Calendar

Playback buttons

Start time

Time stream

Playback speed

Apps

IPCam

iDVR

IPCam

- Apps for iPhone/iPad or Android smart-phones
- Live view of analog and network cameras
- Pan/tilt control of cameras
- Simultaneous management of several recorders or network cameras in a single app
- Export of individual images to the mobile end device for sending via e-mail or MMS

With the smart apps from ABUS Secu-rity-Center for iPhone or Android smart phones (suitable devices provided), you can offer your customers absolute convenience with location-independent video management. In addition to the live display of several channels, these apps feature other advantages, such as the ability to pan, tilt, and zoom in the picture, along with the option to access several recorders.

Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MPOS10006

Apps

	Apple	Apple	Apple	Android	Android

Description	IPCam	iDVR	iCombo	iDVR	VMS Mobile
Features	• Direct control of pan/tilt network cameras • Control of presets of the pan/tilt network cameras • Starting and stopping of patrols • Manual switching of relay outputs and detection of alarm inputs • Manual switching of the day/night setting • Reading and display of recorded video data from the SD card memory via in-app purchase • Up to 16 network cameras (iPad: 18) can be set up • Convenient swiping through camera images in the individual and multi-view • Sequential saving of up to 5 individual images in series • Universal app for iPhone and iPad	• Live screen display of up to four cameras (analog and IP) from various recorders • Full-screen image display including landscape mode • Capture an image from a camera from live view. The image is saved on the mobile device and can be easily sent from there via MMS or e-mail • Control of a PTZ camera through finger movement on the touchscreen • Access to up to 16 recorders • Creation of a favorites group with up to 32 cameras	• Live view of up to four cameras, as well as play-back of recordings • Saving of connections to any number of recorders • Flexible access to the recorders, changing of settings • Retrieval of the saved live video data • Display as a full-screen image • Searching of the log file	• Live screen display of up to four cameras (analog and IP) from various recorders • Full-screen image display including landscape mode • Capture an image from a camera from the live view. The image is saved on the mobile device and can be easily sent from there via MMS or e-mail • Control of a PTZ camera through finger movement on the touchscreen • Access to up to 16 recorders • Creation of a favorites group with up to 32 cameras	• Live image display of up to four network cameras at once • Direct control of pan/tilt cameras using the integrated PTZ function • Individual and multi-view in landscape mode • Capture an image from a camera from the live view. The image is saved on the mobile device and can be easily sent from there via MMS or e-mail • Access to recorded video data • Control of the connected relay outputs • Querying of connected detectors
Requirements	iOS 4.1 or higher, iPhone 3GS/iPad 1 or higher	iOS 3.0 or higher, iPhone/iPod	iOS 3.2 or higher, iPhone 3GS/iPod 3rd gen. or higher	Android 1.6 or higher	Android 2.2 or higher
Note	See compatibility list in the iTunes Store	See compatibility list in the iTunes Store	See compatibility list in Google Play	See compatibility list in Google Play	See compatibility list in Google Play

Price with VAT	€ 4.99 · £ 3.99 · $ 5.99 for the full version (only available from the iTunes Store)	€ 4.99 · £ 3.99 · $ 5.99 for the full version (only available from the iTunes Store)	€ 4.99 · £ 3.99 · $ 5.99 for the full version (only available from the iTunes Store)	€ 4.99 · £ 3.99 · $ 5.99 for the full version (only available from the iTunes Store)	Free (only available from Google Play)

For all apps, a demo version is available for test purposes (free of charge).

16-channel NAS, 4-channel video buffer

TVVR70020

TVVR35000

- Recording of up to 16 ABUS network cameras (at VGA resolution)
- Remote access via browser
- Easy centralized management of surveillance images via ABUS VMS
- 4-bay RAID system
- Easy HDD maintenance as units are hot swappable

The NAS is the practical alternative to a standalone recorder. The difference between NAS and NVR: A NAS is used solely as a storage medium (suitable for up to 4 S-ATA hard disk drives), while the NVR is equipped with video outputs and its own software. Data security is ensured using a 4-bay RAID system. Calling up, displaying and system control are effected via browser only.

Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MP0S10006

www.abus.com

16-channel NAS, 4-channel video buffer

Item number	TVVR35000	TVVR70020
Description	**4-channel video buffer**	**16-channel NAS**
Total video channels (analog/IP/HD-SDI)	4 (0/4/0)	16 (0/16/0)
Resolution @ frame rate per camera	4 x VGA @ 25 fps, 4 x 1.3 MPx @ 25 fps, 4 x 2.0 MPx @ 25 fps	16 x VGA @ 25 fps, 8 x 1.3 MPx @ 25 fps, 4 x 2.0 MPx @ 25 fps
Recording duration at max. resolution and frame rate	104 hours/TB	52 hours/TB
Total frame rate	100 fps	400 fps
Recording modes	Manual, schedule, motion detection	Manual, schedule, motion detection
Search modes	Date & time	Date & time
Storage medium	2 x USB 2.0 (each max. 500 mA), 1 x SD card (max. 32 GB)	4 x S-ATA HDD connections
Operating mode	Triplex	Triplex
Network access/functions	3 users per live view, playback, storage, change settings, control relay	6 users per live view, playback, storage, change settings, control relay

Scope of delivery includes	1.8 m power cable • EU plug • UK plug	2 m network cable • EU power cable • UK power cable • AUS power cable
Required accessories	SD card (see below for recommendation)	Hard drive (see below for recommendation)

Price exclude VAT	**€ 299.00 • £ 260.00 • $ 389.00**	**€ 799.00 • £ 695.00 • $ 1,039.00**

USB

eSATA

LAN

Power supply

TVVR70020

Product recommendations

Storage media

TV8943
2 TB S-ATA hard drive
Details on p. 117

TV8964
32 GB SDHC card
Details on p. 117

Accessories

TVAC42000
USB 3.0 hard drive housing
Details on p. 117

Network video recorders (NVRs)

App available
App available

- Recording and management of up to 16 ABUS network cameras (at VGA resolution)
- Installation wizard for easy initial start-up
- 4-channel live display via VGA/HDMI
- Easy centralized management of surveillance images via PC with the ABUS CMS
- 8 S-ATA hard drives can be connected

TVVR45020

TVVR35010

When recording purely IP-based video systems, rely on a professional network video recorder. Here your customers have everything in a compact setup: live display, image storage, and operation. In this way you can offer the ideal solution for everyone who wants to record modern network cameras on proven standalone recorders.
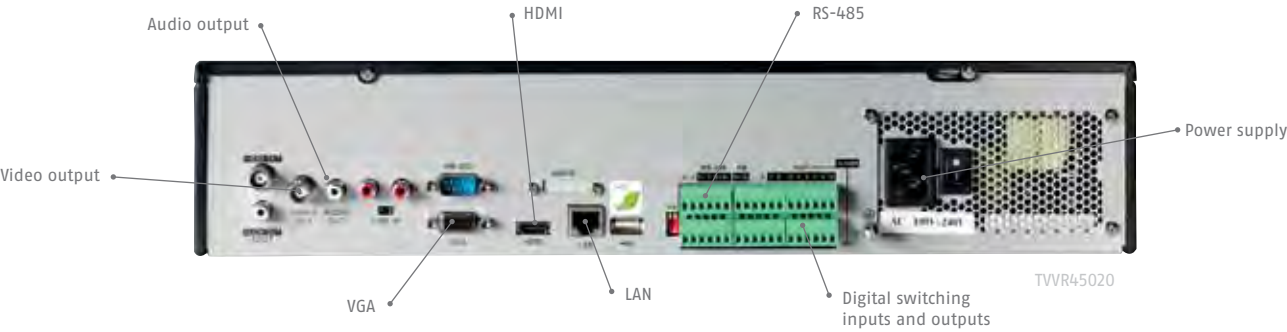
Suitable advertising material
Details from p. 126

Network cameras PoS flyer
MPOS10006

Network video recorders (NVRs)

Item number	TVVR35010	TVVR45020
Description	**8-channel network video recorder (NVR)**	**16-channel network video recorder (NVR)**
Total video channels (analog/IP/HD-SDI)	8 (0/8/0)	16 (0/16/0)
Resolution @ frame rate per camera	8 x VGA @ 25 fps, 4 x 1.3 MPx @ 25 fps, 2 x 2.0 MPx @ 25 fps	16 x VGA @ 25 fps, 8 x 1.3 MPx @ 25 fps, 4 x 2.0 MPx @ 25 fps
Recording duration at max. resolution and frame rate	104 hours/TB	52 hours/TB
Total frame rate	200 fps	400 fps
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date & time	By event, date & time
Audio	Audio In: 1 x cinch (2.0 V s-s, 1000 Ω), Audio Out: 1 x cinch (600 Ω)	Audio In: 2 x cinch (2.0 V s-s, 1000 Ω), Audio Out: 2 x cinch (600 Ω)
Storage medium	1 x S-ATA HDD connection	8 x S-ATA HDD connections
Monitor outputs	1 x VGA, 1 x Main BNC	1 x VGA or 1 x HDMI, 1 x Main BNC, 1 x Spot BNC
Network access/functions	18 camera connections/live view, playback, data export, settings	64 camera connections/live view, playback, data export, settings
Scope of delivery includes	Power supply unit • USB mouse • remote control (batteries not included)	Power supply unit • USB mouse • remote control (batteries not included)
Required accessories	Hard drive • monitor (see below for recommendations)	Hard drive • monitor (see below for recommendations)
Price exclude VAT	**€ 799.00 • £ 695.00 • $ 1,039.00**	**€ 999.00 • £ 869.00 • $ 1,299.00**

Audio output — HDMI — RS-485

Video output

Power supply

VGA — LAN — Digital switching inputs and outputs

TVVR45020

Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

TVAC40900
USB DVD burner
Details on p. 117

TVAC10040
23.6" 1080p LED monitor
Details on p. 111

TVAC40920
Recorder lock
Details on p. 116

Network video recorders (NVRs)

App available

- Video surveillance solution for 8 x 2.0 MPx network cameras
- Dual stream technology
- Use of up to three hard drives with a total storage capacity of 6 TB
- Intuitive operation thanks to integrated VMS Enterprise
- Native recording (recorder records the camera stream 1:1)

NEW

ABUS

High-end recording systems for network cameras. Images of all connected cameras can be recorded in real time – at full 1080p resolution (1920 × 1080 pixels). The dual stream technology always offers the optimal resolution: for motion recording (event, details)- full resolution is used- and for permanent recording (fewer details)- a low resolution is used. In this way the available storage capacity is used efficiently. VMS Mobile can also be used to call up data, view live images, play back recordings, and directly control or move connected PTZ cameras.

Suitable advertising material
Details from p. 126

ABUS

**Network cameras
PoS flyer**
MPOS10006

Network video recorders (NVRs)

Item number	TVVR46010	TVVR46011
Description	**8-channel network video recorder (NVR)**	**8-channel network video recorder (NVR)**
Total video channels (analog/IP/HD-SDI)	8 (0/8/0)	8 (0/8/0)
Resolution @ frame rate per camera	8 x VGA @ 25 fps, 8 x 1.3 MPx @ 25 fps, 8 x 2.0 MPx @ 25 fps	8 x VGA @ 25 fps, 8 x 1.3 MPx @ 25 fps, 8 x 2.0 MPx @ 25 fps
Recording duration at max. resolution and frame rate	52 hours/TB	52 hours/TB
Total frame rate	200 fps	200 fps
Recording modes	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, duration	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, duration
Search modes	By event, date & time, POS data	By event, date & time, POS data
Audio	Yes, from network cameras	Yes, from network cameras
Storage medium	3 x S-ATA HDD connections	3 x S-ATA HDD connections
Operating mode	Triplex	Triplex
Monitor outputs	2 x DVI	2 x DVI
Network access/functions	Multiple access (depending on the network bandwidth)/live view, playback, storage, change settings, control relay, access via ABUS VMS Mobile	Multiple access (depending on the network bandwidth)/live view, playback, storage, change settings, control relay, access via ABUS VMS Mobile
Power supply	100 - 240 V AC	100 - 240 V AC
Dimensions (W × H × D)	427 × 179 × 534 mm	427 × 179 × 534 mm
Scope of delivery includes	USB mouse • keypad • network cable • S-ATA hard drive(s)	USB mouse • keypad • network cable • S-ATA hard drive(s)
Storage medium	2 TB	6 TB
Price exclude VAT	**€ 2,499.00 • £ 2,174.00 • £ 3,249.00**	**€ 2,999.00 • £ 2,609.00 • £ 3,899.00**

Product recommendations

Accessories

TV3160
HDVR 26'' telescope rails
Details on p. 117

HDR plus hybrid digital recorders

- Up to 16 analog + 8 ABUS network cameras (at VGA resolution) can be connected
- Real-time recording at full resolution: 4CIF @ 25 fps
- Status LED indicates the recorder status
- Installation wizard for easy initial start-up
- Up to eight S-ATA hard disk drives can be connected
- Redundant data recording
- Integrated VGA & HDMI output

TVR60020

With the HDR plus series, ABUS Security-Center is setting new trends in hybrid video recording. This series gives you the option to connect both analog and network cameras. The user can record all channels in full resolution and in real time – for even more precision and detail.

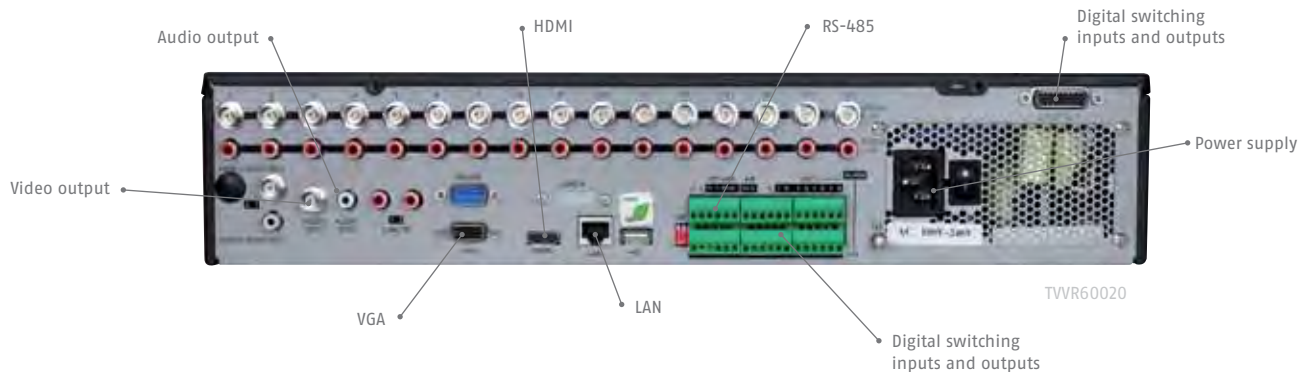## Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MPOS10006

HDR plus hybrid digital recorders

Item number	TVVR60010	TVVR60020
Description	**8-channel HDR plus hybrid digital recorder**	**16-channel HDR plus hybrid digital recorder**
Total video channels (analog/IP/HD-SDI)	16 (8/8/0)	24 (16/8/0)
Resolution @ frame rate per camera	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps, 8 x VGA @ 25 fps, 4 x 1.3 MPx @ 25 fps, 4 x 2.0 MPx @ 25 fps	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps, 8 x VGA @ 25 fps , 4 x 1.3 MPx @ 25 fps , 4 x 2.0 MPx @ 25 fps
Recording duration at max. resolution and frame rate	52 hours/TB	35 hours/TB
Total frame rate (PAL)	400 fps	600 fps
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date & time	By event, date & time
Audio	Audio In: 8 x cinch (2.0 V s-s, 1000 Ω), Audio Out: 2 x cinch (600 Ω)	Audio In: 16 x cinch (2.0 V s-s, 1000 Ω), Audio Out: 2 x cinch (600 Ω)
Storage medium	8 x S-ATA HDD connections	8 x S-ATA HDD connections
Monitor outputs	1 x BNC (1.0 V s-s, 75 Ω), 1 x Spot BNC, 1 x VGA or HDMI	1 x BNC (1.0 V s-s, 75 Ω), 1 x Spot BNC, 1 x VGA or HDMI
Network access/functions	64 camera connections/live view, playback, data export, settings	64 camera connections/live view, playback, data export, settings

Scope of delivery includes	USB mouse • server cabinet mount	USB mouse • server cabinet mount
Required accessories	Hard drive • monitor (see below for recommendations)	Hard drive • monitor (see below for recommendations)

Price exclude VAT	**€ 1,990.00 • £ 1,731.00 • $ 2,587.00**	**€ 2,490.00 • £ 2,166.00 • $ 3,237.00**

Audio output • HDMI • RS-485 • Digital switching inputs and outputs • Power supply • Video output • VGA • LAN • Digital switching inputs and outputs • TVVR60020

Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

TVAC40900
USB DVD burner
Details on p. 117

TVAC40930
Remote control for digital recorders
Details on p. 116

TVAC10040
23.6" 1080p LED monitor
Details on p. 111

TVAC41930
Adapter cable for digital recorders, 16 x BNC
Details on p. 116

TVAC40920
Recorder lock
Details on p. 116

HDVR

App available

NEW

- Analog, HD-SDI, and IP cameras in one system
- Assembled as required using the configurator at http://hdvr.abus.com
  The ABUS high-end video surveillance solution for professional use
- Use of up to four hard drives with a total storage capacity of 8 TB
- Intuitive operation thanks to integrated VMS Enterprise
- Maximum data security using RAID 1/5/10
- Supports ABUS network cameras (see compatibility list)

Maximum system stability: The temperature and state of the hard drives are monitored by virtual detectors. If a malfunction is indicated, the system triggers an alarm in due time. A message is issued before every regular maintenance. The LEDs indicate the state of the HDVR.

Brand-new: Thanks to Windows Embedded 7- the system guarantees a high level of stability and security. SSD technology also ensures that mechanical wear is minimized and booting up and operating speeds are increased.

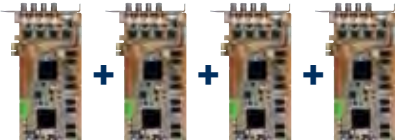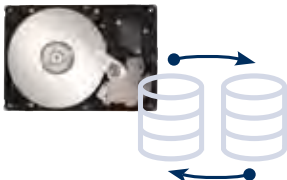## Suitable advertising material
Details from p. 126

**Network cameras
PoS flyer**
MP0S10006

HDVR

Welcome to the new age of recording technology. As of now you can configure the new HDVR systems individually – and in just four easy steps:

Model		**All models can be configured as needed** • Analog cameras • HD-SDI cameras • Network cameras
Camera inputs		**Up to 4 cards can be configured as required** • With 16-channel analog (SD cameras) • With 4-channel HD-SDI (HD-SDI cameras) • With 4-channel network (network cameras)
Storage capacity		**Up to 4 hard drives can be selected (max. 8 TB)** • 4 × 2 TB
Data security		**RAID level** • RAID 1: Mirroring of the data on two hard drives • RAID 5: Storage of the video data on three hard drives • RAID 10: Storage of the video data on four hard drives, combines the speed advantage of RAID 0 and the security of RAID 1.

Product recommendations

Accessories

TVAC40900
USB DVD burner

TV3160
HDVR 26" telescope rails

Interface converter

TV8468
Interface converter USB to RS-485
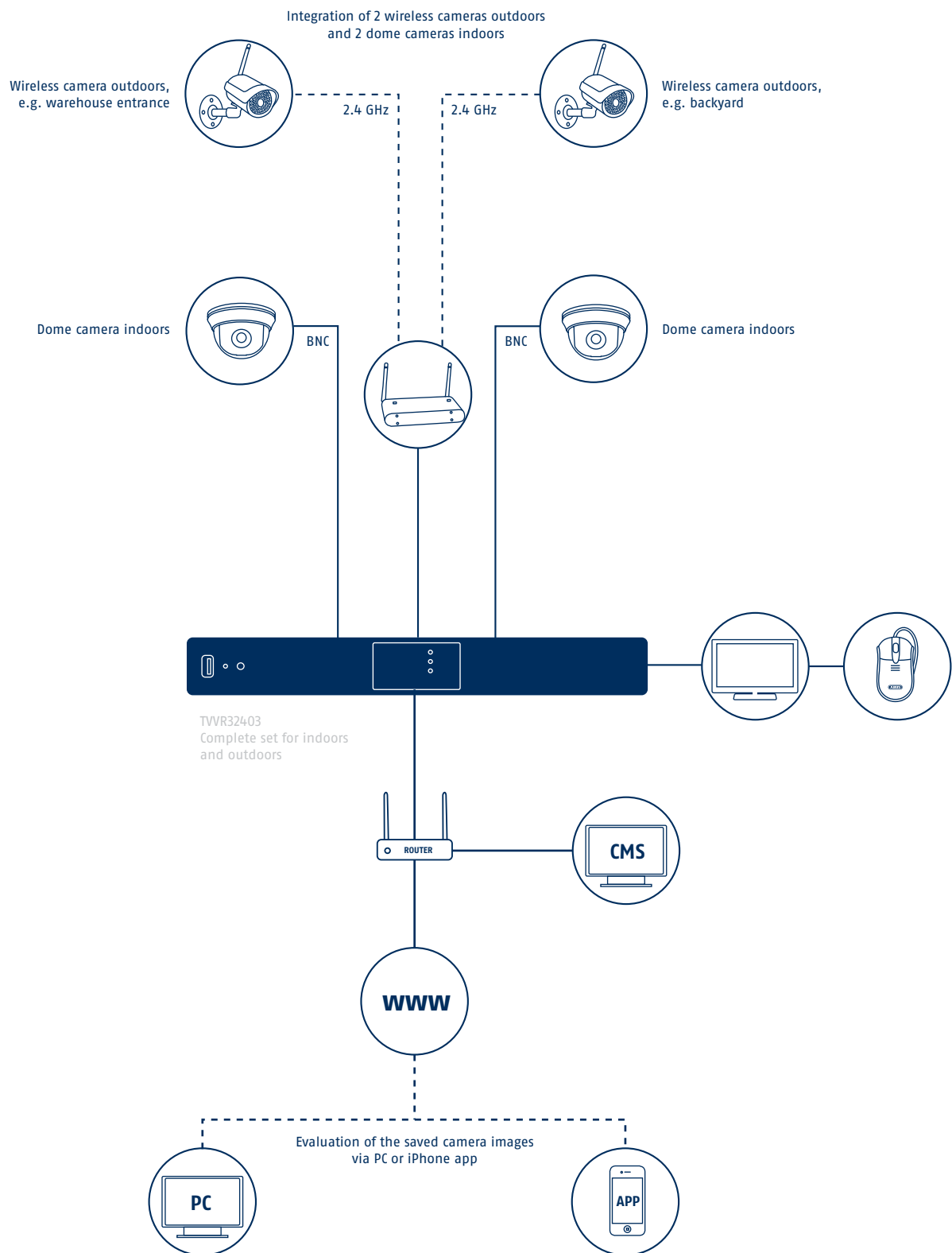
TV8469
Interface converter RS232 to RS-485

ANALOG CAMERAS

The new generation of analog and HD-SDI surveillance cameras offers the right solution for every application. Look and see the intelligence of innovative video technology, modern design, and reliable ABUS quality for yourself – for the good feeling of security in every situation.

Small business installation example, e.g. a complete set for indoors and outdoors

Integration of 2 wireless cameras outdoors
and 2 dome cameras indoors

Wireless camera outdoors,
e.g. warehouse entrance

2.4 GHz

2.4 GHz

Wireless camera outdoors,
e.g. backyard

Dome camera indoors

BNC

BNC

Dome camera indoors

TVVR32403
Complete set for indoors
and outdoors

ROUTER

CMS

WWW

Evaluation of the saved camera images
via PC or iPhone app

PC

APP

Gas station installation example, e.g. an HD-SDI solution

Integration of 4 HD-SDI cameras
indoors and outdoors

HD-SDI camera outdoors,
e.g. gas pumps

TVHD40000

TVHD40000

HD-SDI camera outdoors,
e.g. rear entrance area

HD-SDI camera indoors,
e.g. checkout & product area

TVHD50000

TVHD50000

HD-SDI camera indoors,
e.g. entrance area

Forwarding of the
camera signal to the
HDMI converter
TVAC22000

Forwarding of the camera signal
to the confrontation monitor

TVHD80000
4-channel HD-SDI digital recorder

ROUTER

CMS

WWW

Evaluation of the saved camera images
via PC or iPhone app

PC

APP

HD-SDI standard cameras

- HD 1080p 2.0 MPx resolution: 1,920 x 1,080 @ 25 fps
- HD-SDI: High-Definition Serial Digital Interface
- Transmission via conventional CCTV infrastructure (coaxial cable)
- Day & night function with electromechanically swiveling IR cut filter
- Second video output for camera setup (FBAS)
- WDR function for compensating for high image contrasts
- Convenient OSD (on-screen display) for camera configuration
- Compatible with voltage-controlled auto-iris megapixel lenses

NEW

Supplied without lens

Enter a new era of analog video surveillance: HD-SDI. This technology results from consistent refinement of analog technology – from conventional standard resolution to genuine HD video images. That means you get a resolution that is five times higher compared to analog technology. Image data are still transmitted via coaxial cable.

ABUS Security-Center is one of the first manufacturers to offer you convincing HD-SDI comprehensive total solutions consisting of cameras, recorders, and accessories.

HD-SDI standard cameras

Item number	TVHD50000 **NEW**	TVHD50500 **NEW**
Description	Day & night HD-SDI 1080p standard camera, 12 V DC, 24 V AC	Day & night HD-SDI 1080p standard camera, 110 - 240 V AC
Resolution modes	1080p	1080p
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
Image sensor	1/2.8" progressive scan Sony Exmore CMOS	1/2.8" progressive scan Sony Exmore CMOS
DSP	Sony IT-N	Sony IT-N
Backlight compensation	Soft WDR	Soft WDR
Noise suppression	2D DNR	2D DNR
Power supply	12 V DC/24 V AC	110 - 240 V AC
Power consumption	375 mA	375 mA
Dimensions (W × H × D)	69 × 59 × 122 mm	69 × 59 × 122 mm

Required accessories	Lens • power supply • video cable • camera mount/protective housing • display/recording device • infrared illuminator (see below for recommendations)

Price exclude VAT	€ 419.00 · £ 365.00 · $ 545.00 (dealer conditions upon request)	€ 429.00 · £ 373.00 · $ 558.00 (dealer conditions upon request)

Directional pad for OSD menu

Monitor output (e.g. test monitor)

Status LED

Power supply

Video output

TVHD50000

Product recommendations

Accessories

TVAC65501
1/3" IR Vario megapixel lens 3.1 - 8.0 mm
Details on p. 98

TVAC35000
International wall plug transformer
Details on p. 118

TVAC40440
150 m RG6 video cable
Details on p. 107

Accessories, recording device

TV6818
IR illuminator MEGA-LED M 9 m 880 nm
Details on p. 114

TV8494
Outdoor housing with heating and power supply unit
Details on p. 100

TVHD80000
4-channel HD-SDI digital recorder
Details on p. 81

HD-SDI mini outdoor camera

NEW

- HD 1080p 2.0 MPx resolution: 1,920 x 1,080 @ 25 fps
- HD-SDI: High-Definition Serial Digital Interface
- Transmission via conventional CCTV infrastructure (coaxial cable)
- Compact mini housing for outdoors
- Day & night function with electromechanically removable IR cut filter
- IR LEDs for night view with adjustable intensity
- WDR function for compensating for high image contrasts

Coax — **HDMI** — **HD**
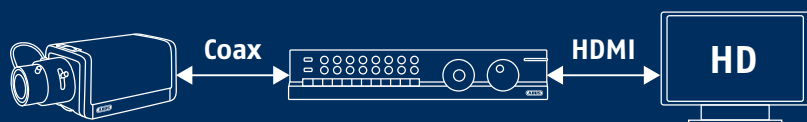
HD-SDI continuously transfers the data at full 1080p resolution and at 25 frames/second – uncompressed and without delay (latency). Installation is carried out via plug & play. Just connect cameras to a coaxial cable, connect the cable to the recorder, and the system is ready to go – without much configuration work. A conventional HDMI cable is all that is needed to connect the monitor.

HD-SDI mini outdoor camera

Item number	TVHD40000

Description	IR mini HD-SDI 1080p outdoor camera
Resolution modes	1080p
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W
IR range	10 m
Focal length	4.0 mm
Horizontal angle of view	78°
Image sensor	1/2.8" progressive scan Sony Exmore CMOS
DSP	Sony IT-N
Backlight compensation	Soft WDR
Noise suppression	2D DNR
IP protection class	66
Power supply	12 V DC
Power consumption	420 mA

Scope of delivery includes	Wall/ceiling mount (preinstalled)
Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 469.00 · £ 408.00 · $ 610.00 (dealer conditions upon request)

Control for WDR and
focus adjustment

IR intensity adjustment

Power supply
(DC 5.5 × 2.1 mm)

BNC
(HD-SDI)

Product recommendations

Accessories

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

TVAC40440
150 m RG6 video cable
Details on p. 107

TVAC22000
HD-SDI/HDMI converter
Details on p. 105

TVAC22010
HD-SDI repeater
Details on p. 105

Recording
device

TVHD80000
4-channel HD-SDI digital recorder
Details on p. 81

Standard cameras

- 1/3" Sony Super HAD CCD
- Resolution 520 TVL
- Image optimization thanks to DSP technology
- Day & night camera with electromechanically removable IR cut filter
- Suitable for the use of IR light
- Standard camera with very compact housing design

Illustration and specifications of TVCC20030
Supplied without lens

99 mm

reddot design award
winner 2010

DGUV Test
Sicherheit geprüft
tested safety

Offer your customers a complete, consistent, and well-designed product line that was honored with the 2010 red dot award, offers great value, and stands out from the rest of the market.

Standard cameras

Item number	TVCC20020	TVCC20520	TVCC20030	TVCC20530
Description	520 TVL standard camera, 12 V DC	520 TVL standard camera, 100 - 230 V AC	Day & night 520 TVL standard camera, 12 V DC	Day & night 520 TVL standard camera, 110 - 230 V AC
Resolution	520 TVL	520 TVL	520 TVL	520 TVL
Day/night switching			Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
Image sensor	1/3" Sony Super HAD CCD	1/3" Sony Super HAD CCD	1/3" Sony Super HAD CCD	1/3" Sony Super HAD CCD
DSP	Nextchip	Nextchip	Nextchip	Nextchip
Backlight compensation	BLC	BLC	BLC	BLC
Power supply	12 V DC	110 - 230 V AC	12 V DC	110 - 230 V AC
Power consumption	125 mA	125 mA	190 mA	190 mA
Dimensions (W × H × D)	56 × 41 × 99 mm	56 × 41 × 99 mm	56 × 41 × 99 mm	56 × 41 × 99 mm

Required accessories	Lens • power supply • video cable • camera mount/protective housing • display/recording device • infrared illuminator (see below for recommendations)

Price exclude VAT	€ 129.00 • £ 112.00 • $ 168.00	€ 139.00 • £ 121.00 • $ 181.00	€ 169.00 • £ 147.00 • $ 220.00	€ 179.00 • £ 156.00 • $ 233.00

Dip switches for automatic electronic shutter
AGC on/off
BLC on/off
Mirroring on/off

Day/night switching adjustment

Iris adjustment

Status LED

Power connection

Video output

TVCC20030

Product recommendations

Accessories

Actual product may differ

TV8556
1/3" IR Vario lens, 2.9 - 8.2 mm DC aperture
Details on p. 99

TV8350
360 mm outdoor housing
Details on p. 100

TVAC35000
International wall plug transformer
Details on p. 118

TV8390
125 mm camera mount
Details on p. 102

Display/ recording device, illumination

TVVR20001
4-channel 8" combo digital recorder
Details on p. 89

TVVR30003
4-channel compact digital recorder
Details on p. 83

TVAC10010
17" TFT monitor
Details on p. 112

TV6700
Mini IR illuminator
Details on p. 114

Standard day & night cameras

- Sony Effio-P DSP technology with a resolution of 650 TVL
- Sony Super HAD II CCD image sensor with 960H technology
- Used in conditions with high contrast ratios as well as low lighting
- Function for digital noise suppression (2D and 3D, motion optimized)
- OSD programming with QIS (Quick Installation System) function
- Privacy masking and motion detection

Illustration and specifications of TVCC50530
Supplied without lens

TVCC50011/TVCC50511 applied for
TVCC50021/TVCC50521 applied for
TVCC50030/TVCC50530 applied for

960H stands for the number of effective horizontal pixels that enable 650 TVL in the picture display. The higher number of TV lines results an increase in pixels of roughly 25% when compared to similar 760H technology. Thanks to state-of-the-art CCD image sensor technology, you can offer your customers higher resolution.

Standard day & night cameras

Item number	TVCC50011 UPDATE	TVCC50511 UPDATE	TVCC50021 UPDATE	TVCC50521 UPDATE	TVCC50030	TVCC50530
Description	WD DNR day & night 650 TVL camera, 12 V DC/24 V AC	WD DNR day & night 650 TVL camera, 110 - 240 V AC	WDR 3D DNR day & night 690 HTVL-E standard camera 12 V DC/24 V AC	WDR 3D DNR day & night 690 HTVL-E standard camera 110 - 240 V AC	WDR 3D DNR day & night 650 TVL camera, 12 V DC/24 V AC	WDR 3D DNR day & night 650 TVL camera, 110 - 240 V AC
Resolution	650 TVL	650 TVL	690 HTVL-E	690 HTVL-E	650 TVL	650 TVL
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
Image sensor	1/3" Sony Exview HAD II CCD	1/3" Sony Exview HAD II CCD	1/3" Pixim DPS CMOS	1/3" Pixim DPS CMOS	1/3" Sony Super HAD II Dual Scan CCD	1/3" Sony Super HAD II Dual Scan CCD
DSP	Sony Effio-E	Sony Effio-E	Pixim	Pixim	Sony Effio - P	Sony Effio - P
Backlight compensation	Soft WDR, BLC, HLC	Soft WDR, BLC, HLC	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC
Noise suppression	2D DNR	2D DNR	3D DNR	3D DNR	2D + 3D DNR	2D + 3D DNR
Power supply	12 V DC/24 V AC	110 - 240 V AC	12 V DC/24 V AC	110 - 240 V AC	12 V DC/24 V AC	110 - 240 V AC
Power consumption	250 mA	250 mA	330 mA	330 mA	375 mA	375 mA
Dimensions (W × H × D)	69 × 59 × 122 mm	69 × 59 × 122 mm	69 × 59 × 122 mm	69 × 59 × 122 mm	69 × 59 × 122 mm	68 × 59 × 122 mm
Scope of delivery includes	Screws for camera bracket • spacer for outdoor housing					
Required accessories	Lens • power supply • video cable • camera mount/protective housing • display/recording device • infrared illuminator (see below for recommendations)					
Price exclude VAT	€ 199.00 • £ 173.00 $ 259.00	€ 209.00 • £ 182.00 $ 272.00	€ 329.00 • £ 286.00 $ 428.00	€ 339.00 • £ 295.00 $ 441.00	€ 339.00 • £ 295.00 $ 441.00	€ 349.00 • £ 304.00 $ 454.00

Control pad for OSD menu

Day/night switching adjustment

Monitor output (e.g. test monitor)

Output for motion detection alarm

Status LED

Power connection

Video output

TVCC50530

Product recommendations

Accessories

Actual product may differ
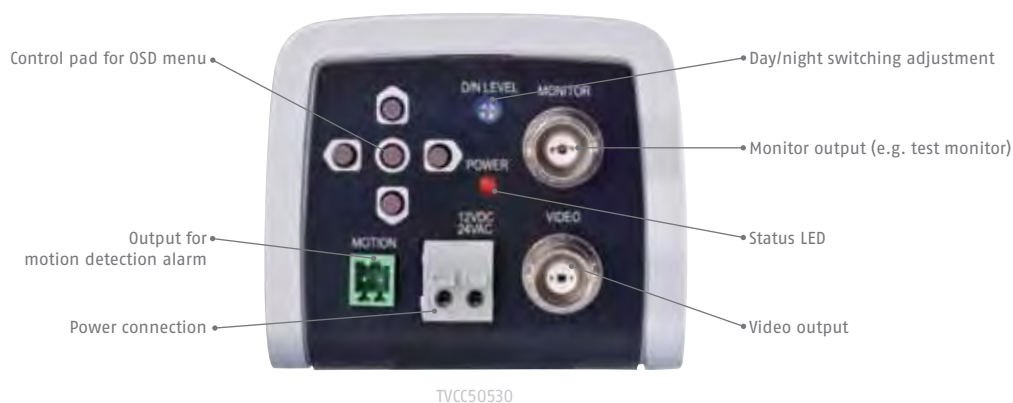
TV8554
1/3" IR Vario lens, 2.8 - 12.0 mm DC aperture
Details on p. 99

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

KA9000
250 m combined video cable
Details on p. 107

TV8494
Outdoor housing with heating and power supply unit
Details on p. 100

Display/ recording device, illumination

TVVR25010
8-channel 19" combo digital recorder
Details on p. 89

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVAC50020
19" quad TFT monitor
Details on p. 111

TV6899
IR illuminator MEGA-LED XL 50 m 880 nm
Details on p. 115

IR mini outdoor cameras

Illustration and specifications of TVCC40531

UPDATE

- Compact IP66 outdoor camera with infrared night vision function
- Day & night camera with IR removable filter (ICR)
- Automatic, sensor-controlled activation of the infrared LEDs in poor light conditions
- Auto IR function: Adjustment of IR intensity according to the distance of the object
- 5.0 - 15.0 mm easy-focus lens with simple two-button adjustment
- Easy-plug triaxial camera mount for quick installation

The small IR mini outdoor cameras are real all-rounders. With protection class IP66, these cameras can be used particularly in unprotected outside areas. Recommended application areas include surveillance of façades, entry and exit areas, access roads, and courtyards.

IR mini outdoor cameras

Item number	TVCC40000	TVCC40030	TVCC40531 UPDATE
Description	IR mini 380 TVL outdoor camera	IR mini 520 TVL outdoor camera	IR mini easy-focus 520 TVL outdoor camera
Resolution	380 TVL	520 TVL	520 TVL
Day/night switching	Color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
IR range	15 m	15 m	15 m
Focal length	3.6 mm	3.6 mm	5 - 15 mm
Horizontal angle of view	53°	78°	76 - 28°
Image sensor	1/4" Sharp CCD	1/3" Sony Super HAD CCD	1/3" Sony Super HAD CCD
Backlight compensation	BLC	BLC	BLC
IP protection class	66	66	66
Power supply	12 V DC	12 V DC	12 V DC
Power consumption	150 mA	270 mA	425 mA
Dimensions (W × H × D)	60 × 57 × 155 mm	60 × 57 × 155 mm	68 × 67 × 181 mm

Scope of delivery includes	Camera mount with easy-plug function (pre-installed) and tools
Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 119.00 • £ 104.00 • $ 155.00	€ 199.00 • £ 173.00 • $ 259.00	€ 279.00 • £ 243.00 • $ 363.00

Mount with easy-plug function

Easy-focus control
Use these two buttons to zoom in to four different positions; the camera focuses automatically.

Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

TVCC40531

Product recommendations

Accessories

TVAC35000
International wall plug transformer

TVAC40130
30 m ready-to-connect combined video cable

Display/
recording
device

TVVR20001
4-channel 8" combo digital recorder

TVVR30003
4-channel compact digital recorder

TVAC10010
17" TFT monitor

IR Vario outside cameras

- Sony Effio-P DSP technology with a resolution of 650 TVL
- Sony Super HAD II CCD image sensor with 960H technology
- Used in conditions with high contrast ratios as well as low lighting
- Function for digital noise suppression (3D, motion optimized)
- IP66 camera housing and mount with internal cable routing
- Adjustable beam spread for integrated IR LEDs

Illustration and specifications of TVCC60030

TVCC60011 applied for
TVCC60021 applied for
TVCC60030 applied for

The focal length of the integrated varifocal lens with auto-iris function ranges from 3.3 to 12 mm, covering an extremely broad application range from wide angle to telephoto (3.6x enlargement). Ideal for fast and easy installation: the focus, zoom, IR beam angle, and IR intensity can be adjusted directly from outside (see page on the right). The completely internal cable routing also ensures optimal protection against poor weather conditions, tampering, and other influences.

IR Vario outside cameras

Item number	TVCC60011 UPDATE	TVCC60021 UPDATE	TVCC60030
Description	WDR DNR IR Vario 650 TVL outdoor camera	WDR 3D DNR day & night IR Vario 690 HTVL-E outdoor camera	WDR 3D DNR day/night 650 TVL outdoor camera
Resolution	650 TVL	690 HTVL-E	650 TVL
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
IR range	40 m	40 m	40 m
Focal length	3.3 - 12.0 mm	3.3 - 12.0 mm	3.3 - 12.0 mm
Horizontal angle of view	89.8 - 23.9°	89.8 - 23.9°	89.8 - 23.9°
Image sensor	1/3" Sony Exview HAD II CCD	1/3" Pixim DPS CMOS	1/3" Sony Super HAD II Dual Scan CCD
DSP	Sony Effio-E	Pixim Seawolf	Sony Effio-P WDR
Backlight compensation	Soft WDR	WDR	WDR
Noise suppression	2D DNR	3D DNR	2D + 3D DNR
IP protection class	66	66	66
Power supply	12 V DC	12 V DC	12 V DC
Power consumption	480 mA	480 mA	560 mA
Dimensions (W × H × D)	88 × 84 × 240 mm	88 × 84 × 238 mm	88 × 84 × 238 mm

Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 369.00 • £ 321.00 • $ 480.00	€ 439.00 • £ 382.00 • $ 571.00	€ 549.00 • £ 478.00 • $ 714.00

Focus setting

Lens adjustment (telephoto/wide angle)

Adjustment of the intensity/beam spread of the IR LEDs

Power supply (DC 5.5 × 2.1 mm)

BNC (FBAS)

TVCC60030

Product recommendations

Accessories

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

KA9000
250 m combined video cable
Details on p. 107

Display/recording device

TVVR25010
8-channel 19" combo digital recorder
Details on p. 89

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVVR60020
16-channel HDR plus hybrid digital recorder
Details on p. 39

TVAC50020
19" quad TFT monitor
Details on p. 111

Mini dome cameras

Illustration and specifications of TVCC34500
Actual product may differ

- Compact design for inconspicuous installation
- Integrated 3.6 mm miniature lens
- High resolution of 650 TVL
- Noise suppression and soft WDR function
- IR LEDs for night vision
- Triaxial camera module

TV7401/TV7402

The wide-angle lens (TV7401 and TV7402), with ceiling mount- offers a complete overview of the environment. This provides your customers with a good view of the entire room with just one camera. And thanks to their very small size, these cameras nearly "disappear" and are hardly noticed.

Mini dome cameras

Item number	TV7401	TV7402	TVCC34000 NEW	TVCC34500 NEW
Description	Super-mini dome camera 108° lens	Super-mini dome camera 140° lens	Mini 540 TVL dome camera	2D DNR IR mini 650 TVL dome camera
Resolution	480 TVL	480 TVL	540 TVL	650 TVL
Day/night switching				Electromechanically removable IR cut filter (ICR), color/B&W
IR range				5 m
Focal length	1.6 mm	1.4 mm	3.6 mm	3.6 mm
Horizontal angle of view	108°	140°	71°	71°
Image sensor	1/4" SONY Super HAD CCD	1/4" SONY Super HAD CCD	1/3" Sharp HQ CCD	1/3" Sony Exview HAD II CCD
Backlight compensation	BLC	BLC	BLC	Soft WDR
Noise suppression				2D DNR
Power supply	12 V DC	12 V DC	12 V DC	12 V DC
Power consumption	100 mA	100 mA	100 mA	150 mA
Dimensions (H × ⌀)	40 × 46 mm	40 × 46 mm	75 × 105 mm	75 × 105 mm

Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 139.00 • £ 121.00 • $ 181.00	€ 145.00 • £ 126.00 • $ 189.00	€ 149.00 • £ 130.00 • $ 194.00	€ 189.00 • £ 164.00 • $ 246.00
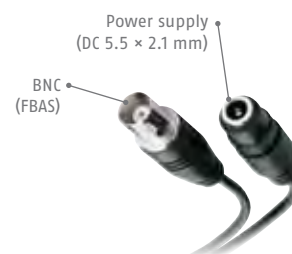
Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

Product recommendations

Accessories

TVAC35000
International wall plug transformer

TVAC40130
30 m ready-to-connect combined video cable

Display/
recording
device

TVVR20001
4-channel 8" combo digital recorder

TVVR30003
4-channel compact digital recorder

TVAC10010
17" TFT monitor

Indoor dome cameras

Illustration and specifications of TVCC70500

- Sony Effio chip set with soft WDR function for clear images, even at high contrast ratios
- DNR function for noise-free images
- Integrated 2.8 - 10.5 mm auto-iris varifocal lens
- Auto IR LED function for automatic adjustment of the LED power
- High resolution of 650 TVL
- Easy-plug camera module and mounting plate for quick installation
- Triaxial camera mount

The best argument for your customers: For inconspicuous and particularly secure installation, the base plates of the dome can simply be recessed into suspended ceilings. Only the upper part of the camera then protrudes out of the ceiling, with the cabling out of sight and fully protected.

When the included tinted dome is used, the direction of the camera cannot be seen. This keeps people in the camera range from knowing whether they are being monitored.

Indoor dome cameras

Item number	TVCC35010	TVCC35510	TVCC70000	TVCC70500
Description	S-Lux Vario 550 TVL dome camera	IR Vario 550 TVL dome camera	WD DNR day & night Vario 650 TVL dome camera	WD DNR IR Vario 650 TVL dome camera
Resolution	550 TVL	550 TVL	650 TVL	650 TVL
Day/night switching		Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
IR range		10 m		10 m
Focal length	2.8 - 10.5 mm	2.8 - 10.5 mm	2.8 - 10.5 mm	2.8 - 10.5 mm
Horizontal angle of view	101.8 - 27.4°	101.8 - 27.4°	101.8 - 27.4°	101.8 - 27.4°
Image sensor	1/3" Sharp HQ CCD	1/3" Sharp HQ CCD	1/3" Sony Exview HAD II CCD	1/3" Sony Exview HAD II CCD
DSP	Sharp	Sharp	Sony Effio-E	Sony Effio-E
Backlight compensation	BLC	BLC	Soft WDR, BLC, HLC	Soft WDR, BLC, HLC
Noise suppression			2D DNR	2D DNR
Power supply	12 V DC	12 V DC	12 V DC	12 V DC
Power consumption	120 mA	320 mA	250 mA	450 mA
Dimensions (H × ⌀)	100 × 145 mm	100 × 145 mm	100 × 145 mm	100 × 145 mm

Scope of delivery includes	DC 2-pin adapter • tinted dome
Required accessories	Power supply • video cable • display/recording device (see below for recommendations) • ceiling mounting kit

Price exclude VAT	€ 219.00 • £ 191.00 • $ 285.00	€ 259.00 • £ 225.00 • $ 337.00	€ 279.00 • £ 243.00 • $ 363.00	€ 319.00 • £ 278.00 • $ 415.00

Easy-plug camera module

Monitor output
(e.g. test monitor)

BNC
(FBAS)

Power supply
(DC 5.5 × 2.1 mm)

TVCC70500

Product recommendations

Accessories

TVAC35000
International wall plug transformer

TVAC40130
30 m ready-to-connect combined video cable

TVAC31020
Wall mount for dome cameras

Display/
recording
device

TVVR41120
16-channel 4CIF real-time digital recorder

TVAC50020
19" quad TFT monitor

TVAC31010
Ceiling mounting kit for analog indoor dome cameras

Vandal-proof IR Vario spherical dome cameras

UPDATE

Illustration and specifications of TVCC74021

Sicherheit geprüft
tested safety

TVCC74011 applied for
TVCC74021 applied for

- Camera for use in extreme backlighting situations
- State-of-the-art Pixim image sensor and DSP technology
- Illumination range can be regulated by 120 dB(A) max.
- Triaxial ball joint for flexible adjustment of the camera direction
- Weatherproof camera housing (IP66)
- Manual zoom/focus control accessible from outside

These inconspicuous surveillance cameras with protection class IP66 can keep an eye even on large areas. Below a certain light intensity value, the camera switches from color to light-sensitive black-and-white mode. 36 IR LEDs with a range of up to 20 meters provide the required light, ensuring clear pictures. When it's dark, the turnable and tiltable ball joint of the dome camera can be just as flexibly adjusted as the focus and zoom factor.

Recommended application areas include underground garages, parking structures, shopping arcades, production halls, etc.

www.abus.com

Vandal-proof IR Vario spherical dome cameras

Item number	TVCC74011 UPDATE	TVCC74021 UPDATE
Description	WD DNR IR Vario 650 TVL spherical dome camera	WDR 3D DNR IR Vario 690 HTVL-E spherical dome camera
Resolution	650 TVL	690 HTVL-E
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
IR range	20 m	20 m
Focal length	3.3 - 12.0 mm	3.3 - 12.0 mm
Horizontal angle of view	89.8 - 23.9°	89.8 - 23.9°
Image sensor	1/3" Sony Exview HAD II CCD	1/3" Pixim DPS CMOS
DSP	Sony Effio-E	Pixim Seawolf
Backlight compensation	Soft WDR	WDR
Noise suppression	2D DNR	3D DNR
IP protection class	66	66
Power supply	12 V DC	12 V DC
Power consumption	480 mA	480 mA
Dimensions (H × ∅)	100 × 114 mm	100 × 114 mm

Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 349.00 • £ 304.00 • $ 454.00	€ 429.00 • £ 373.00 • $ 558.00
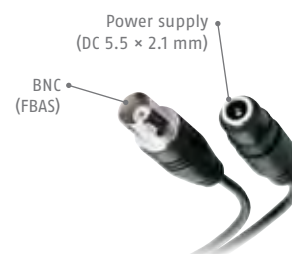
Lens adjustment (telephoto/wide angle)

Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

Focus setting

TVCC74021

Product recommendations

Accessories

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

KA9000
250 m combined video cable
Details on p. 107

TVAC35000
International wall plug transformer
Details on p. 118

Display/ recording device

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVAC50020
19" quad TFT monitor
Details on p. 111

Vandal-proof outdoor dome cameras

Illustration and specifications of TVCC71500

- Sony Effio chip set with soft WDR function for clear images, even at high contrast ratios
- DNR function for noise-free images
- Integrated 2.8 - 10.5 mm auto-iris varifocal lens
- Auto IR LED function for automatic adjustment of the LED power
- High resolution of 650 TVL
- Easy-plug camera module and mounting plate for quick installation
- Triaxial camera mount
- IP66 protection class for outdoor use

Sicherheit geprüft
tested safety

TVCC36510
TVCC71500

Without the right infrastructure, it can be hard work to set up and align cameras. Not with these cameras! Thanks to the easy-plug module, the base plate is first attached to the wall or ceiling before the camera module is simply positioned on top – the connection is made using contact points. And thanks to an additional analog video output, you can use an ABUS test monitor for configuration and than setting cameras up on site.

Vandal-proof outdoor dome cameras

Item number	TVCC36500	TVCC36510	TVCC71500
Description	Vandal-proof IR 550 TVL outdoor dome camera	Vandal-proof IR Vario 550 TVL outdoor dome camera	WD DNR IR Vario 650 TVL outdoor dome camera
Resolution	550 TVL	550 TVL	650 TVL
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
IR range	20 m	20 m	20 m
Focal length	3.6 mm	2.8 - 10.5 mm	2.8 - 10.5 mm
Horizontal angle of view	71°	101.8 - 27.4°	101.8 - 27.4°
Image sensor	1/3" Sharp HQ CCD	1/3" Sharp HQ CCD	1/3" Sony Exview HAD II CCD
DSP	Sharp	Sharp	Sony Effio-E
Backlight compensation	BLC	BLC	Soft WDR, BLC, HLC
Noise suppression			2D DNR
IP protection class	66	66	66
Power supply	12 V DC	12 V DC	12 V DC
Power consumption	460 mA	480 mA	450 mA
Dimensions (H × ⌀)	102 × 145 mm	102 × 145 mm	102 × 145 mm

Scope of delivery includes	DC 2-pin adapter • tinted dome	DC 2-pin adapter • tinted dome	DC 2-pin adapter • tinted dome
Required accessories	Power supply • video cable • display/recording device (see below for recommendations)		

Price exclude VAT	€ 259.00 • £ 225.00 • $ 337.00	€ 329.00 • £ 286.00 • $ 428.00	€ 399.00 • £ 347.00 • $ 519.00

Easy-plug camera module

Monitor output
(e.g. test monitor)

BNC
(FBAS)

Power supply
(DC 5.5 × 2.1 mm)

TVCC71500

Product recommendations

Accessories

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

KA9000
250 m combined video cable
Details on p. 107

TVAC31020
Wall mount for dome cameras
Details on p. 102

Display/
recording
device

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVAC50020
19" quad TFT monitor
Details on p. 111

TVAC10100
3.5" test monitor
Details on p. 113

PTZ dome cameras

UPDATE

- 1/4" Sony ExView HAD CCD
- 36x motorized zoom lens
- Ultra-quiet camera mechanics with precision of 0.024°
- 12x digital zoom
- Privacy masking zones
- 24/7 use because of the high quality mechanic
- Day/night view thank's the ICR (external lighting needed)

Illustration and specifications of TVCC75200

TV7602

With the ABUS PTZ dome cameras, you are relying on extremely high-quality and durable state-of-the-art technology for all installed mechanical parts, such as sliding contacts (designed for 20 million continuous rotations), V-belts, zoom components, etc.

Thanks to the 36x zoom factor, you can effectively monitor a large area like a parking lot with just one camera. You can zoom in for a closer look at interesting objects as required. The WDR function provides for clear images in difficult backlight situations.

PTZ dome cameras

Item number	TV7602	TVCC75100 UPDATE	TVCC75200 UPDATE
Description	Mini PTZ dome camera	Day & night PTZ 560 TVL dome camera	WDR PTZ 550 TVL dome camera
Resolution	500 TVL	560 TVL	550 TVL
Day/night switching	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W	Electromechanically removable IR cut filter (ICR), color/B&W
Focal length	3.8 - 38.0 mm	3.5 - 95.0 mm	3.4 - 122.4 mm
Horizontal angle of view	51.2 - 5.58°	55.5 - 2.24°	57.8 - 1.7°
Image sensor	1/4" SONY Super HAD CCD	1/4" Interline Transfer CCD	1/4" Sony ExView HAD CCD
DSP	Samsung	Samsung	Sony
Backlight compensation		BLC	WDR, BLC
Noise suppression		2D DNR	3D DNR
Pan/tilt range	360°/180°	360°/180°	360°/180°
Number of presets	165	165	165
Number of tours	8	8	8
Protocols	Pelco-D	Pelco-D	Pelco-D
IP protection class	66	34	34
Power supply	12 V DC	18 - 32 V AC	18 - 32 V AC
Power consumption	1,100 mA	850 mA	850 mA
Dimensions (H × ⌀)	157 × 167 mm	190 × 147 mm	190 × 147 mm

Scope of delivery includes	Power supply unit	24 V AC power supply unit • ceiling fitting frame incl. cover	24 V AC power supply unit • ceiling fitting frame incl. cover
Required accessories	Video/control cable • control panel • display/recording device (see below for recommendations)		

Price exclude VAT	€ 890.00 • £ 774.00 • $ 1,157.00	€ 1,190.00 • £ 1,035.00 • $ 1,547.00	€ 1.990.00 • £ 1,731.00 • $ 2,587.00

Alarm inputs — Switching outputs (NO)

Status display — Video output

Control connections — Power supply

TVCC75200

Product recommendations

Accessories

TVAC40320
250 m video triplex cable
Details on p. 107

TV7608
Ceiling mount for PTZ dome cameras
Details on p. 102

TV7606
Outdoor housing for PTZ dome cameras
Details on p. 101

TV7613
Wall mount for mini PTZ dome cameras
Details on p. 102

Accessories, Recording device

TVAC26000
PTZ/DVR control panel
Details on p. 103

TV8473
RS-485 matrix
Details on p. 103

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVVR95020
PCIe video surveillance card, 16ch @ 400 FPS
Details on p. 91

Disguised cameras

Item number	TVCC12000	TVCC12010

Description	650 TVL pinhole camera disguised as a smoke detector	650 TVL pinhole camera disguised as a motion detector
Resolution	650 TVL	650 TVL
Focal length	3.7 mm	3.7 mm
Horizontal angle of view	71°	71°
Image sensor	1/3" Sony Exview HAD II CCD	1/3" Sony Exview HAD II CCD
DSP	Sony Effio-E	Sony Effio-E
Backlight compensation	Soft WDR	Soft WDR
Noise suppression	2D DNR	2D DNR
IP protection class	30	50
Power supply	12 V DC	12 V DC
Power consumption	95 mA	175 mA
Dimensions (W × H × D)	60 × 120 mm	70 × 120 × 48 mm

Required accessories	Power supply • video cable • display/recording device (see page on right for recommendations)

Price exclude VAT	€ 149.00 • £ 130.00 • $ 194.00	€ 149.00 • £ 130.00 • $ 194.00

With these mini and disguised cameras, ABUS Security-Center is offering you a wide assortment of options for inconspicuous video surveillance – whether for covert surveillance in case of a specific suspicion, where space is limited or for a discreet appearance.

Mini cameras

Item number	TV7018	TV7150	TVCC10030	TVCC10520

Description	Surface/recess-mounted 380 TVL color pinhole camera	Pinhole super-mini-camera	Day & night 520 TVL board camera	Pinhole 520 TVL board camera
Resolution	380 TVL	420 TVL	520 TVL	520 TVL
Day/night switching			Electromechanically removable IR cut filter (ICR), color/B&W	
Focal length	3.7 mm	3.7 mm	3.6 mm	3.7 mm
Horizontal angle of view	71°	51°	71°	68°
Image sensor	1/3" Sony Super HAD CCD	1/4" Sharp CCD	1/3" Sony Super HAD CCD	1/3" Sony Super HAD CCD
DSP	Sony	Sony	Nextchip	Nextchip
Backlight compensation	BLC	BLC	BLC	BLC
IP protection class	53	54		
Power supply	12 V DC	12 V DC	12 V DC	12 V DC
Power consumption	120 mA	175 mA	190 mA	125 mA
Dimensions (W × H × D)	51 × 45 mm	30 × 22 mm	32 × 32 × 40 mm	32 × 32 × 20 mm

Required accessories	Power supply · video cable · display/recording device (see below for recommendations)

Price exclude VAT	€ 139.00 · £ 121.00 · $ 181.00	€ 99.00 · £ 86.10 · $ 129.00	€ 139.00 · £ 121.00 · $ 181.00	€ 129.00 · £ 112.00 · $ 168.00
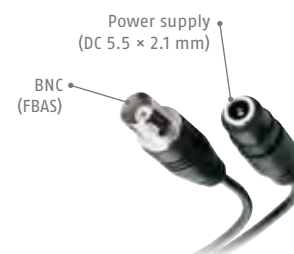
Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

Product recommendations

Accessories

TVAC35000
International wall plug transformer
Details on p. 118

TVAC40130
30 m ready-to-connect combined video cable
Details on p. 107

Display/
recording
device

TVVR30003
4-channel compact digital recorder
Details on p. 83

TVAC10010
17" TFT monitor
Details on p. 112

Waterproof outdoor cameras

Illustration and specifications of TV7512

- 1/4" Sony Super HAD CCD
- Integrated 1.4 mm miniature lens
- Resolution: 480 TVL
- Horizontal angle of view: 140°
- Internal protection class IP66
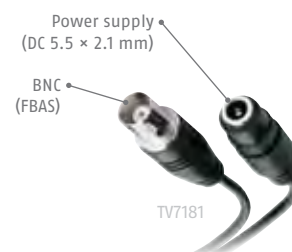- Automatic Electronic Shutter (AES)

TV7181

With a horizontal angle of view of up to 140°, these cameras provide outstanding surveillance images despite their extremely small design. Another special advantage: due to the low power consumption of just 100 mA, this camera is also very suitable for mobile use powered by a rechargeable battery.

Waterproof outdoor cameras

Item number	TV7511	TV7512	TV7181
Description	Super-mini outdoor camera (108°)	Super-mini outdoor camera (140°)	Color mini outdoor camera
Resolution	480 TVL	480 TVL	330 TVL
Focal length	1.6 mm	1.4 mm	3.6 mm
Horizontal angle of view	108°	140°	52°
Image sensor	1/4" Sony Super HAD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD
Backlight compensation	BLC	BLC	BLC
Power supply	12 V DC	12 V DC	12 V DC
Power consumption	100 mA	100 mA	120 mA
Dimensions (W × H × D)	40 × 40 × 35 mm	40 × 40 × 35 mm	28 × 90 mm

Scope of delivery includes	Camera mount
Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 139.00 • £ 121.00 • $ 181.00	€ 149.00 • £ 130.00 • $ 194.00	€ 79.00 • £ 68.70 • $ 103.00

Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

TV7511/TV7512

Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

TV7181

Product recommendations

Accessories

TVAC40130
30 m ready-to-connect combined video cable
Details on p. 107

TVAC35000
International wall plug transformer
Details on p. 118

Display/
recording
device

TVVR30003
4-channel compact digital recorder
Details on p. 83

TVAC10010
17" TFT monitor
Details on p. 112

Zoom cameras

- 35x motorized optical zoom
- Automatic focus for continuously sharp pictures
- Day & night camera with electromechanically removable IR cut filter

Illustration and specifications of TV7057

TV7053

Superb image quality, certified by DGUV Test (TV7053), makes a very good sales argument. With the zoom cameras, you can choose between a day camera that switches to black-and-white mode at dusk and a real day & night camera with a removable IR cut filter: well-engineered camera technology with an impressive 35x zoom factor.

Zoom cameras

Item number	TV7053	TV7057
Description	Zoom camera	Day & night zoom camera
Resolution	470 TVL	470 TVL
Day/night switching		Electromechanically removable IR cut filter (ICR), color/B&W
Focal length	3.9 - 85.8 mm	3.4 - 120 mm
Horizontal angle of view	47 - 3°	57.8 - 1.7°
Image sensor	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD
Backlight compensation	BLC	BLC
IP protection class	34	34
Power supply	12 V DC	12 V DC
Power consumption	340 mA	340 mA
Dimensions (W × H × D)	72 × 60 × 132 mm	72 × 60 × 132 mm

Required accessories	Power supply • video cable • display/recording device (see below for recommendations)

Price exclude VAT	€ 339.00 • £ 295.00 • $ 441.00	€ 439.00 • £ 382.00 • $ 571.00
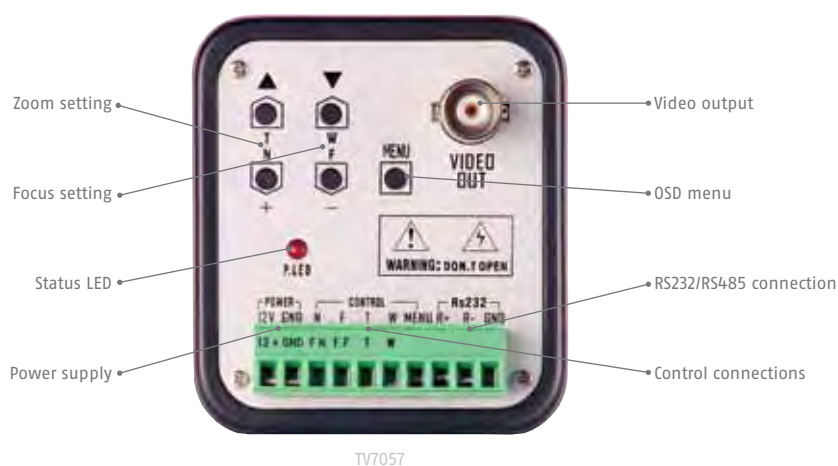
Zoom setting · Focus setting · Status LED · Power supply · Video output · OSD menu · RS232/RS485 connection · Control connections

TV7057

Product recommendations

Accessories

TVAC35600
12 – 15 V DC high-power supply unit for outdoor use
Details on p. 119

TVAC40320
250 m video triplex cable
Details on p. 107

TVAC26000
PTZ/DVR control panel
Details on p. 103

Display/ recording device

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVAC50020
19" quad TFT monitor
Details on p. 111

Saltwater-resistant camera

- 1/3" Sony Exview HAD II CCD
- Saltwater-resistant nylon housing
- Stainless steel mount and sunshield
- Noise suppression function
- Soft WDR function
- IP68 protection

The high-end solution is suitable for extreme applications: Ideal for surveillance at the edge of, on, and in bodies of water, this camera is also widely used in industry. Protected by a robust, saltwater-resistant nylon housing, it survives applications up to 40 meters under water – even in the open ocean. For surveillance of factories, mines, etc., it stands up to dust, water, salt, and chemicals. The state-of-the-art image sensor from Sony ensures the best possible video images. With 650 TVL, the pictures are of excellent quality.

Saltwater-resistant camera

Item number	TVCC61000 UPDATE

Description	Saltwater-resistant outdoor camera (650 TVL)
Resolution	650 TVL
Focal length	3.6 mm
Horizontal angle of view	78°
Image sensor	1/3" Sony Exview HAD II CCD
DSP	Sony Effio-E
Backlight compensation	Soft WDR
Noise suppression	2D DNR
IP protection class	68
Power supply	12 V DC
Power consumption	210 mA
Dimensions (H × ⌀)	190 × 70 mm

Scope of delivery includes	Sunshield • wall/ceiling mount • 50 m connection cable (pre-installed) • power supply unit

Price exclude VAT	€ 599.00 • £ 521.00 • $ 779.00
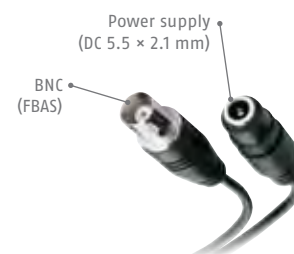
Power supply
(DC 5.5 × 2.1 mm)

BNC
(FBAS)

Product recommendations

Accessories

TVAC35600
12 - 15 V DC high-power supply unit for outdoor use
Details on p. 119

Display/
recording
device

TVVR41120
16-channel 4CIF real-time digital recorder
Details on p. 87

TVAC10010
17" TFT monitor
Details on p. 112

Digital wireless transmission sets

NEW

Illustration and specifications of TVAC15000

- Complete DIY set consisting of a 3.5" TFT monitor and a wireless IR outdoor camera (2.4 GHz)
- User-friendly OSD (on-screen display)
- Compact IP66 outdoor camera with infrared night vision function and 400 TVL resolution
- Digitally encrypted audio and video transmission
- Build in microfon an PIR motion detection

Unpack the camera and monitor, switch them on, select a channel – and you're done. Tests showed that untrained people were able to start up the system in less than a minute. This makes this home video set the ideal "take-home" product for every end customer.

www.abus.com

Digital wireless transmission sets

Item number	TVAC15000 **NEW**

Description	3.5" TFT monitor with IR wireless outdoor camera (2.4 GHz)
Rechargeable battery running time	3 hours
Rechargeable battery type	Li-ion polymer
No. of IR LEDs	27
Resolution	640 x 480 (VGA)
Output	3.5 mm jack (video)
Horizontal angle of view	56°
Wireless range	Outdoors: 100 m
IR swivel filter	Yes
PIR angle of view	60 (H)/43 (V)°
PIR range	5 m
IP protection class	66 (camera)
Power supply	5 V DC
OSD language	English
Power consumption	650 mA
Camera inputs	4
Dimensions (W × H × D)	130 × 90 × 27 mm

Scope of delivery includes	3.5" monitor • IR wireless outdoor camera (2.4 GHz) • 2 power supply units, incl. EU, AUS, and UK adapters • SD card (2 GB) • AV cable • antenna

Price exclude VAT	€ 299.00 • £ 260.00 • $ 389.00

Item number	TVAC15010	TVAC15300

Description	IR wireless outdoor camera (2.4 GHz) for the TVAC15000	Digital wireless camera set
Features	• Compact IP66 outdoor camera with infrared night vision function • Integrated digital transmitter (2.4 GHz) for encrypted wireless transmission of video data • IR digital wireless outdoor camera for integration in the TVAC15000 wireless monitor • 400 TVL resolution, 3.6 mm fixed lens • This camera can only be used as an extension for the TVAC15000	• Wireless receiver including 2 IR wireless outdoor cameras • 2.4 GHz encrypted digital wireless transmission • Transmission frame rate of 7 fps @ VGA resolution • Digital wireless transmission of up to 2 cameras to recorders and monitors
Scope of delivery includes	Power supply unit	2-channel receiver • 2 IR wireless outdoor cameras • 2 camera mounts • 2 power supply units incl. EU, AUS, and UK adapters • BNC jack cable • 2 antennas

| Item number	TVAC15010	TVAC15300
Price exclude VAT	€ 159.00 • £ 138.00 • $ 207.00	€ 399.00 • £ 347.00 • $ 519.00

ANALOG RECORDING SYSTEMS

Make perfect recordings no matter how big the project. From mobile mini-recorders to professional video surveillance systems, ABUS Security-Center offers a unique portfolio of video surveillance recorders.

HD-SDI digital recorder

App available

- Real-time recording at HD resolution (1080p)
- Installation wizard for easy initial start-up
- H.264 data compression – effective use of storage space
- Video & audio recording
- Network connection for worldwide access
- Status LED indicates the recorder status

NEW

Coax   HDMI   HD
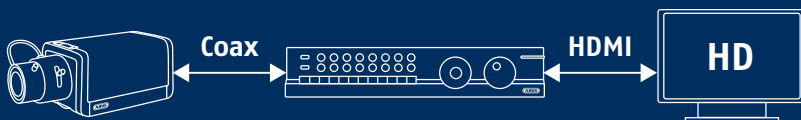
This recorder is the answer to the current HD-SDI trend in video surveillance. Installation is simple and according to the established plug & play principle. The absolute highlight: image data is recorded and played back in real time and at 1080p resolution – on every channel. Up to 8 hard drives offer 16 TB of storage.

HD-SDI digital recorder

Item number	TVHD80000 **NEW**

Description	4-channel HD-SDI digital recorder
Total video channels (analog/IP/HD-SDI)	4 (0/0/4)
Resolution @ frame rate per camera	352 x 288 @ 25 fps, 704 x 576 @ 25 fps, 1,280 x 720 @ 25 fps, 1,920 x 1,080 @ 25 fps
Recording duration at max. resolution and frame rate	30 hours/TB
Total frame rate	100 fps
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date & time
Audio	Audio In: 4 x cinch (2.0 V p-p, 1,000 ohm), Line In: 1 x cinch (2.0 V p-p, 1,000 ohm) − only for network transmission, Audio Out: 2 x cinch (600 ohm)
Storage medium	8 x S-ATA HDD connections
Monitor outputs	1 x BNC, 1 x VGA, 1 x HDMI
Network access/functions	64 camera connections/live view, playback, data export, settings

Scope of delivery includes	Power cable • USB mouse • hard-drive cable • server cabinet mount • installation material
Required accessories	Hard drive • monitor (see below for recommendations)

Price exclude VAT	€ 1,599.00 • £ 1,391.00 • $ 2,079.00

Video output · eSATA · Power supply · RS-232 · HD-SDI inputs · Audio input/output · VGA · HDMI · 2 x LAN · Digital switching inputs and outputs · TVHD80000

Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

TVAC40900
USB DVD burner
Details on p. 117

TVAC40930
Remote control for digital recorders
Details on p. 116

TVAC10040
23.6" 1080p LED monitor
Details on p. 111

TVAC40920
Recorder lock
Details on p. 116

TVAC40910
Recorder sealing set
Details on p. 116

Compact digital recorder

App available

App available

- Real-time recording at full resolution: 4CIF @ 25 fps
- H.264 data compression — effective use of storage space
- Installation wizard for easy initial start-up
- Network connection for worldwide access
- Quick data backup via USB
- Integrated VGA connection

UPDATE

ABUS

TWR30003

The new 4-channel compact digital recorder offers professional quality at a starter price. The system features intelligent alarm functions and real-time recording for four channels at 4CIF resolution. The surveillance sets on the next page are intended for use particularly in private homes and office spaces.

Compact digital recorder

Item number	TVVR30003 UPDATE

Description	4-channel compact digital recorder
Total video channels (analog/IP/HD-SDI)	4 (4/0/0)
Recording resolution @ frame rate per camera (PAL)	352 x 288 (CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps
Recording duration at max. resolution and frame rate	209 hours/TB
Total frame rate (PAL)	100 fps
Recording modes	Manual, schedule, motion detection, alarm
Search modes	Date & time, event
Storage medium	1 x S-ATA HDD connection
Monitor outputs	Monitor: 1 x BNC (1.0 V p-p, 75 ohm), Spot: 1 x BNC (1.0 V p-p, 75 ohm), VGA: 1 x VGA
Network access/functions	24 camera connections/live view, playback, data export, settings

Scope of delivery includes	USB mouse
Required accessories	Hard drive · monitor (see below for recommendations)

Price exclude VAT	€ 249.00 · £ 217.00 · $ 324.00

Video output · BNC inputs · VGA · RS-485
USB · LAN · Power supply

TVVR30003

Product recommendations

Accessories

TV8940
500 GB S-ATA hard drive
Details on p. 117

TVAC40900
USB DVD burner
Details on p. 117

Accessories

TVAC10030
19" VGA TFT monitor
Details on p. 112

Compact digital recorder sets

Item number	TVVR32403
Description	**Complete set for indoors and outdoors**

App available

App available

NEW

- Innovative recorder set with two wireless IR outdoor cameras for flexible outdoor use plus two discreet mini indoor dome cameras
- Quick and easy installation
- Digital wireless transmission of the IR outdoor cameras (VGA @ 7 fps)
- IR mini indoor dome camera with 500 TV lines and 3.6 mm lens (54° horizontal angle of view)
- Real-time recording at full resolution: 4CIF @ 25 fps
- Network connection on the recorder for worldwide access
- Includes DVR, 2 wireless cameras and receiver, 2 indoor dome cameras, 2 x 20 m video combination cable, and power supply units

Item number	TVVR32403
Price exclude VAT	**€ 759.00 · £ 592.00 · $ 987.00**

Compact digital recorder sets

Item number	TVVR30103 UPDATE	TVVR30403 UPDATE

App available App available

Description	ABUS outdoor surveillance set incl. 1 camera	ABUS outdoor surveillance set incl. 4 cameras
Features	• All-inclusive scope of delivery, including recorder, camera, connection cable, and power supply unit • IR mini outdoor camera with 380 TV lines and 3.6 mm lens (53° horizontal angle of view)	• All-inclusive scope of delivery, including recorder, 4 cameras, 4 connection cable, and 4 power supply units • IR mini outdoor camera with 380 TV lines and 3.6 mm lens (53° horizontal angle of view)

Item number	TVVR30103	TVVR30403
Price exclude VAT	€ 369.00 · £ 321.00 · $ 480.00	€ 749.00 · £ 652.00 · $ 974.00

Item number	TVVR31103 NEW	TVVR31403 NEW

App available App available

Description	ABUS indoor surveillance set with 1 dome camera	ABUS indoor surveillance set with 4 dome cameras
Features	• All-inclusive scope of delivery, including recorder, camera, connection cable, and central distributor power supply unit • Mini indoor dome camera with 500 TV lines and 3.6 mm lens (54° horizontal angle of view)	• All-inclusive scope of delivery, including recorder and four cameras, each with 20 m connecting cable and central distributor power supply unit • Mini indoor dome camera with 500 TV lines and 3.6 mm lens (54° horizontal angle of view)

Item number	TVVR31103	TVVR31403
Price exclude VAT	€ 319.00 · £ 278.00 · $ 415.00	€ 559.00 · £ 486.00 · $ 727.00

Digital recorders

- Real-time recording at full resolution: 4CIF @ 25 fps
- Status LED indicates the status of the recorder
- H.264 data compression – effective use of storage space
- Up to two S-ATA hard drives can be integrated
- Video & audio recording
- Network connection for worldwide access

NEW

TVVR41120

With our ABUS digital recorder series, you can offer your customers a wide range of solutions. This series records real time in 4CIF, offering the highest level of detail and security as well as a fast frame rate. Depending on the model, the recorders can record 4, 8, or 16 channels. In this way you can react on site to the requirements and wishes of your customers with a great deal of flexibility. Web access to the recorder makes it possible to call up recorded data worldwide and configure the unit.

Digital recorders

Item number	TVVR41100 NEW	TVVR41110 NEW	TVVR41120 NEW
Description	4-channel 4CIF real-time digital recorder	8-channel 4CIF real-time digital recorder	16-channel 4CIF real-time digital recorder
Total video channels (analog/IP/HD-SDI)	4 (4/0/0)	8 (8/0/0)	16 (16/0/0)
Recording resolution @ frame rate per camera (PAL)	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CHIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps
Recording duration at max. resolution and frame rate	247 hours/TB	104 hours/TB	52 hours/TB
Total frame rate (PAL)	100 fps	200 fps	400 fps
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date & time	By event, date & time	By event, date & time
Storage medium	2 x S-ATA HDD connections	2 x S-ATA HDD connections	2 x S-ATA HDD connections
Monitor outputs	Monitor: 1 x BNC (1.0 V p-p, 75 Ω), 1 x VGA; Spot: 1 x BNC (1.0 V p-p, 75 Ω)	Monitor: 1 x BNC (1.0 V p-p, 75 Ω), 1 x VGA; Spot: 1 x BNC (1.0 V p-p, 75 Ω)	Monitor: 1 x BNC (1.0 V p-p, 75 Ω), 1 x VGA; Spot: 1 x BNC (1.0 V p-p, 75 Ω)
Network access/functions	24 camera connections/live view, playback, data export, settings	24 camera connections/live view, playback, data export, settings	24 camera connections/live view, playback, data export, settings

Scope of delivery includes	Remote control (batteries not included) • power supply unit • USB mouse	Remote control (batteries not included) • power supply unit • USB mouse	Remote control (batteries not included) • power supply unit • USB mouse
Required accessories	Hard drive • monitor (see below for recommendations)	Hard drive • monitor (see below for recommendations)	Hard drive • monitor (see below for recommendations)

Price exclude VAT	€ 489.00 • £ 425.00 • $ 636.00	€ 749.00 • £ 652.00 • $ 974.00	€ 999.00 • £ 869.00 • $ 1,299.00
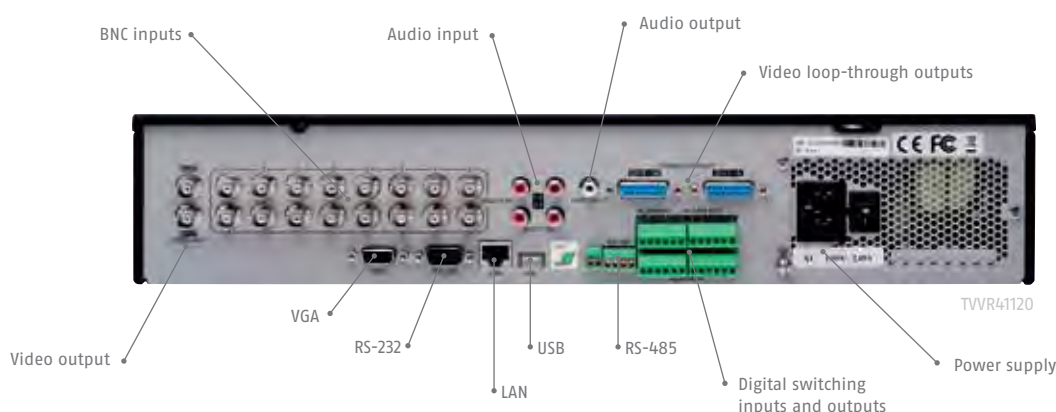
BNC inputs · Audio input · Audio output · Video loop-through outputs · VGA · RS-232 · USB · RS-485 · Video output · LAN · Digital switching inputs and outputs · Power supply · TVVR41120

Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

TVAC40900
USB DVD burner
Details on p. 117

TVAC10040
23.6" 1080p LED monitor
Details on p. 111

TVAC40920
Recorder lock
Details on p. 116

Combo digital recorders

App
available

- PC monitor (TVVR25000 and TVVR25010 only) and video surveillance combined
- H.264 data compression – effective use of storage space
- Video & audio recording
- Network connection for worldwide access
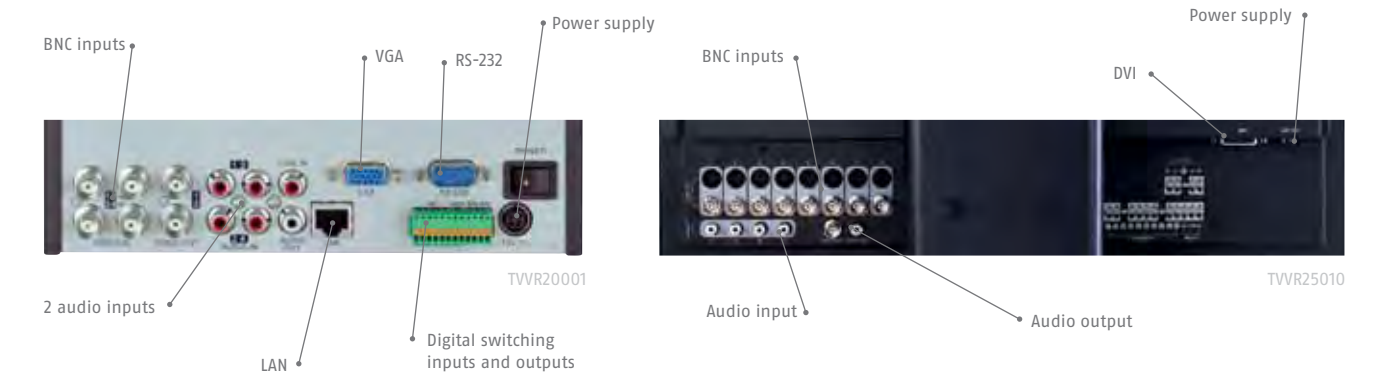- Quick data backup via USB

TVVR25010

TVVR20001

The combo digital recorders allow recording and playback even where space is very limited. This makes them just the solution for your customers with kiosks, counters, and cramped cash till areas.

Combo digital recorders

Item number	TVVR20001	TVVR25000	TVVR25010
Description	**4-channel 8" combo digital recorder**	**4-channel 19" combo digital recorder**	**8-channel 19" combo digital recorder**
Total video channels (analog/IP/HD-SDI)	4 (4/0/0)	4 (4/0/0)	8 (8/0/0)
Monitor	8"	19"	19"
Recording resolution @ frame rate per camera (PAL)	352 x 288 @ 25 fps, 704 x 288 @ 25 fps, 704 x 576 @ 25 fps	352 x 288 @ 25 fps, 704 x 288 @ 12 fps, 704 x 576 @ 6 fps	352 x 288 @ 25 fps, 704 x 288 @ 12 fps, 704 x 576 @ 6 fps
Recording duration at max. resolution and frame rate	209 hours/TB	209 hours/TB	104 hours/TB
Total frame rate (PAL)	100 fps	100 fps	200 fps
Recording modes	Schedule, motion detection, alarm	Schedule, motion detection, alarm	Schedule, motion detection, alarm
Search modes	Date & time	By event, date & time	By event, date & time
Audio	Audio In: 4 x RCA (2.0 V p-p, 1,000 Ω), Audio Out: 1 x RCA (600 Ω), Line In: 1 x RCA (2.0 V p-p, 1000 Ω)	Audio In: 4 x RCA (1.40 V p-p, 10,000 Ω), Audio Out: 1 x RCA (10,000 Ω)	Audio In: 4 x RCA (1.40 V p-p, 10,000 Ω), Audio Out: 1 x RCA (10,000 Ω)
Storage medium	1 x S-ATA HDD connection	1 x S-ATA HDD connection	1 x S-ATA HDD connection
Monitor outputs	Monitor: 1 x BNC (1.0 V p-p, 75 Ω), 1 x VGA, Spot: 1 x BNC (1.0 V p-p, 75 Ω)	1 x BNC (1.0 V p-p, 75 Ω), DVI-D PC monitor input	1 x BNC (1.0 V p-p, 75 Ω), DVI-D PC monitor input
Network access/functions	24 camera connections/live view, playback, data export, settings	16 camera connections/live view, search, data export	16 camera connections/live view, search, playback
Scope of delivery includes	Power supply unit and power cable • USB mouse • remote control (without batteries)	Remote control • power supply unit and power cable • USB mouse	Remote control • power supply unit and power cable • USB mouse
Required accessories	Hard drive (see below for recommendation)	Hard drive (see below for recommendation)	Hard drive (see below for recommendation)
Price exclude VAT	€ 649.00 • £ 565.00 • $ 844.00	€ 949.00 • £ 826.00 • $ 1,234.00	€ 1,099.00 • £ 956.00 • $ 1,429.00

BNC inputs
VGA
RS-232
Power supply

2 audio inputs
LAN
Digital switching inputs and outputs

TVVR20001

Power supply
BNC inputs
DVI

Audio input
Audio output

TVVR25010

Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

PCI surveillance cards

TVVR95020

- Digital recording of up to 16 cameras
- Real-time recording at full resolution: 4CIF @ 25 fps
- H.264 hardware compression
- Dual stream for live display and recording
- Audio support for all channels
- Integrated video management software with intelligent security features


Unbeatable value for the money. With PC video surveillance cards, you turn your PC into a digital video management center for watching, saving, and managing the recorded images. Thanks to the hybrid function, you can integrate analog cameras as well as network cameras.

The video management software VMS Professional is included in the scope of delivery – an upgrade to the Enterprise version is possible any time.

PCI surveillance cards

Item number	TVVR95000 NEW	TVVR95010 NEW	TVVR95020 NEW
Description	PCIe video surveillance card, 4ch @ 100 FPS	PCIe video surveillance card, 8ch @ 200 FPS	PCIe video surveillance card, 16ch @ 400 FPS
Camera inputs	4 x BNC	8 x BNC	16 x BNC
Recording resolution @ frame rate per camera (PAL)	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps	352 x 288 (CIF) @ 25 fps, 704 x 288 (2CIF) @ 25 fps, 704 x 576 (4CIF) @ 25 fps
Recording duration at max. resolution and frame rate	247 hours/TB	123 hours/TB	61 hours/TB
Total frame rate (PAL)	100 fps	200 fps	400 fps
Recording modes	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, continuous	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, continuous	Programmable, upon video failure, fault, alarm, movement, cover, manipulation, schedule, continuous
Search modes	By event, date & time, POS data	By event, date & time, POS data	By event, date & time, POS data
Audio	Audio In: 4 x cinch (2.0 V p-p, 1,000 Ω), additional PCI slot required	Audio In: 8 x cinch (2.0 V p-p, 1,000 Ω), additional PCI slot required	Audio In: 16 x cinch (2.0 V p-p, 1,000 Ω), additional PCI slot required
Operating mode	Triplex	Triplex	Triplex
Monitor outputs	1 x BNC	1 x BNC	1 x BNC
Connections	PCIe x1 2.0 or higher	PCIe x1 2.0 or higher	PCIe x1 2.0 or higher
Requirements	Operating system: Windows Vista/7 32 bit/64 bit; Intel Core™ i5 3.1 GHz; 2 GB RAM; 256 MB video memory	Operating system: Windows Vista/7 32 bit/64 bit; Intel Core™ i5 3.1 GHz; 2 GB RAM; 256 MB video memory	Operating system: Windows Vista/7 32 bit/64 bit; Intel Core™ i5 3.1 GHz; 2 GB RAM; 256 MB video memory
Software	ABUS VMS Professional	ABUS VMS Professional	ABUS VMS Professional

Scope of delivery includes	Adapter cable	2 adapter cables	3 adapter cables

Price exclude VAT	€ 399.00 • £ 347.00 • $ 519.00	€ 699.00 • £ 608.00 • $ 909.00	€ 1,299.00 • £ 1,130.00 • $ 1,689.00

TVVR95010

Video output

Video/Audio In 1–4

Video/Audio In 5–8
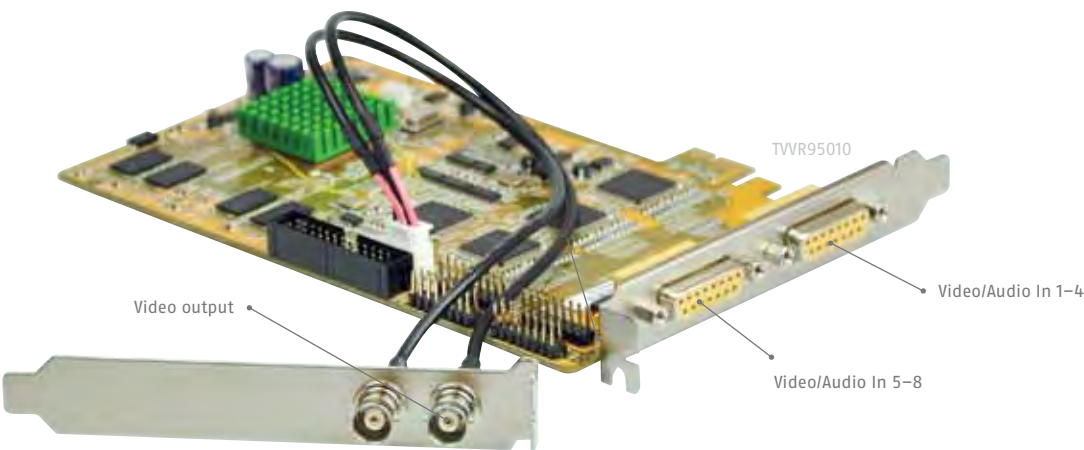
Product recommendations

Accessories

TV8943
2 TB S-ATA hard drive
Details on p. 117

Mini HD camcorder

TVVR11000

- 1.5" TFT display for live view and playback
- Real-time recording in HD (1,920 x 1,080 @ 30 fps)
- 170° wide-angle lens
- Photo function (8-megapixel resolution)
- Recording on a microSD card (up to 32 GB)
- Simple playback on the PC thanks to recording in AVI video format
- Including waterproof housing (max. 20 meters) and remote control
- Touch field and microfon on board

Camera plus recorder in one, and everything with HD resolution. With this capabilities, the new mini-camcorder will reach a new set of customers. In addition to mobile security applications, the camcorder is the perfect recording device for sports, model building, and recreation. The recordings can be played back on the display immediately. Thanks to an outdoor housing, the camcorder can also record under water, providing high-resolution images even under the most demanding conditions.

The absolute highlight: The camcorder can be controlled via remote control. This frees up your hands and makes it unnecessary to take inconvenient breaks to operate the device.

Mini HD camcorder

Item number	TVVR11000

Description	1080p mini camcorder
Recording resolution @ frame rate	1,080p, 960p, 720p, WVGA @ 30 fps, 720p @ 60 fps
Recording duration	0.2 hours/GB
Video compression	MJPEG
Recording modes	Continuous, sound detection (65 dB and up)
Horizontal angle of view	170°
Image sensor	CMOS
Battery operation	3 hours during continuous recording
Power supply	3.7 V DC
Dimensions (W × H × D)	50 × 85 × 23 mm

Scope of delivery includes	Waterproof housing max. 20 meter • USB cable • remote control • clip for camera • clip for waterproof housing • clip for remote control • belt clip for waterproof housing • AV cable • carrying strap

Price exclude VAT	€ 249.00 • £ 217.00 • $ 324.00

Sound detection on/off · microSD card slot

Record ·

ON   VOX   OFF   RESET

Mini-HDMI

Mini-USB connection

On/Off

Audio output

HDMI   Mini USB   OFF   POWER   ON   AV OUT

Product recommendations

Accessories

TV8960
6-in-1 card reader
Details on p. 117

TVAC40970
4 GB microSD card
Details on p. 117

Mini-camcorders

TVVR15000

- Mini SD recorder and mini pinhole camera in a compact device disguised as a motion detector
- Discreet surveillance incl. storage on SD card
- Resolution of 420 TV lines
- Electronic shutter control for clear pictures
- Battery operation possible for flexible use
- OSD (On Screen Display)

TVVR10000

The convenient size and sturdy design of the mini camcorder help particularly in field work. Whether for guard duty or security – the camcorder enables discreet recordings with sound. This helps analysing of patrols or incidents and ultimately resolving uncertainties.

This camera is disguised as a motion detector so that outsiders will not recognize it. This provides you with many options for use where defensive surveillance is required. This model is especially suited for making it is easy and inexpensive for your customers to get started in video surveillance.

Mini-camcorders

Item number	TVVR10000	TVVR15000
Description	Mini-camcorder	Mini digital recorder in PIR housing
Resolution @ frame rate per camera	640 x 480 @ 30 frames/second	640 x 480 @ 12 frames/second
Recording duration	0.8 hours/GB	2.5 hours/GB
Video compression	MJPEG	MPEG-4 (SP), ASF file format
Recording modes	Continuous, sound detection (65 dB and up)	Manual/scheduled
Horizontal angle of view	74°	71°
Image sensor	CMOS	1/3" SONY SUPER HAD II CCD
Battery operation	1.5 hours during continuous recording	4 AA batteries (approx. 120 minutes)
Power supply	3.7 V DC	12 V DC
Dimensions (W × H × D)	50 × 28 × 20 mm	97 × 88 × 41 mm

Scope of delivery includes	Clip holder • wall mount • silicone cover • bag • carrying loop • USB cable • USB adapter • mounting set (hook-and-loop tape and screws)	Power supply unit • 2 cinch/BNC adapters • wall mount • video cable
Required accessories	Card reader and micro SD card (see below for recommendations)	Card reader and SDHC card (see below for recommendations)

Price exclude VAT	**€ 89.00 • £ 77.40 • $ 116.00**	**€ 249.00 • £ 217.00 • $ 324.00**

Sound detection on/off

TVVR10000

microSD card slot

Status LEDs

Power supply

TVVR15000

Menu

Product recommendations

Accessories

TV8960
6-in-1 card reader
Details on p. 117

TVAC40970
4 GB microSD card
Details on p. 117

TV8964
32 GB SDHC card
Details on p. 117

VIDEO SURVEILLANCE ACCESSORIES

Whether you are looking for outdoor housings, camera mounts, wireless transmitters, signal distributors, or cables, ABUS Security-Center fulfill its broad video surveillance product range with an extensive selection of accessories. From A for antenna to Z for Zoom camera mount.

IP camera lenses, warning stickers video

Item number	TVAC65002	TVAC65100	TVAC65501

Description	1/3" IR Vario megapixel lens 2.8–12.0 mm	1/3" Vario megapixel lens 2.9–8.2 mm	1/3" IR Vario megapixel lens 3.1–8.0 mm
Features	• Suitable for megapixel cameras • Compatible with IR light	• Suitable for megapixel cameras • Aspherically ground • Optimized color picture	• Suitable for megapixel cameras • Compatible with IR light • Optimized edge clarity and light sensitivity

Aperture	F1.6	F1.4	F1.2
Horizontal angle of view	102°–24° (1/3"), 74°–18° (1/4")	98°–35° (1/3"), 71°–26° (1/4")	91°–35° (1/3"), 68°–26° (1/4")
Focal length	2.8–12.0 mm	2.9–8.2 mm	3.1–8.0 mm
Format	1/3"	1/3"	1/3"
Thread	CS	CS	CS
Iris	Auto-iris	Auto-iris	Auto-iris
Compatible with IR light	Yes	No	Yes
Item number	TVAC65002	TVAC65100	TVAC65501
Price exclude VAT	€ 169.00 • £ 147.00 • $ 220.00	€ 99.00 • £ 86.10 • $ 129.00	€ 199.00 • £ 173.00 • $ 259.00

Item number	AU1312	AU1313

Description	Warning sticker video surveillance without ABUS logo 148 x 105 mm	Warning sticker video surveillance without ABUS logo 74 x 52.5 mm
Features	• Printed on both sides • Reflective • For "on-glass" and "behind-glass" attachment • Weather-resistant • Available in two sizes • For spaces accessible to the public, notice of video surveillance is legally required	

Item number	AU1312	AU1313
Price exclude VAT	€ 4.70 • £ 4.09 • $ 6.11	€ 3.90 • £ 3.39 • $ 5.07

Lenses for analog cameras, miniature lenses

Item number	TV8552	TV8553	TV8554	TV8555	TV8556	TV8572	TV8573

Description	1/3" IR Vario lens 8.5–40.0 mm DC aperture	1/3" IR Vario lens 2.8–12.0 mm man. aperture	1/3" IR Vario lens 2.8–12.0 mm DC aperture	1/3" IR Vario lens 2.9–8.2 mm man. aperture	1/3" IR Vario lens 2.9–8.2 mm DC aperture	1/3" IR Vario lens 5.0–50.0 mm man. aperture	1/3" IR Vario lens 5.0–50.0 mm DC aperture
Aperture	F1.3	F1.3	F1.3	F1.0	F1.0	F1.3	F1.3
Horizontal angle of view	34–7°	98–24°	98–24°	98–35°	98–35°	52–6°	52–6°
Focal length	8.5–40.0 mm	2.8–12.0 mm	2.8–12.0 mm	2.9–8.2 mm	2.9–8.2 mm	5.0–50.0 mm	5.0–50.0 mm
Format	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Thread	CS	CS	CS	CS	CS	CS	CS
Iris	Auto-iris	Manual	Auto-iris	Manual	Auto-iris	Manual	Auto-iris
Compatible with IR light	Yes	Yes	Yes	Yes	Yes	No	No
Item number	TV8552	TV8553	TV8554	TV8555	TV8556	TV8572	TV8573
Price exclude VAT	€ 219.00 · £ 191.00 $ 285.00	€ 99.00 · £ 86.10 $ 129.00	€ 119.00 · £ 104.00 $ 155.00	€ 79.00 · £ 68.70 $ 103.00	€ 99.00 · £ 86.10 $ 129.00	€ 109.00 · £ 94.80 $ 142.00	€ 129.00 · £ 112.00 $ 168.00

Item number	TVAC63000	TVAC63010	TVAC63020	TVAC63030	TVAC63040	TVAC63050

Similar to photo | Similar to photo | Similar to photo | Similar to photo | Similar to photo | Similar to photo

Description	2.5 mm miniature lens	4.3 mm miniature lens	6.0 mm miniature lens	8.0 mm miniature lens	12.0 mm miniature lens	16.0 mm miniature lens
Features	· Easy adjustment of the focal length/zoom factor for PCB cameras · Flexible area of application					

Aperture	F2.0	F2.0	F2.0	F2.0	F2.0	F2.5
Horizontal angle of view	104°	60°	43°	33°	23°	19°
Focal length	2.5 mm	4.3 mm	6.0 mm	8.0 mm	12.0 mm	16.0 mm
Thread	M12 x P0.5 mm	M12 x P0.5 mm	M12 x P0.5 mm	M12 x P0.5 mm	M12 x P0.5 mm	M12 x P0.5 mm
Item number	TVAC63000	TVAC63010	TVAC63020	TVAC63030	TVAC63040	TVAC63050
Price exclude VAT	€ 26.90 · £ 23.40 $ 35.00	€ 19.90 · £ 17.30 $ 25.90	€ 19.90 · £ 17.30 $ 25.90	€ 19.90 · £ 17.30 $ 25.90	€ 19.90 · £ 17.30 $ 25.90	€ 26.90 · £ 23.40 $ 35.00

Video accessories

Outdoor housings

Item number	TV8493	TV8494	TV8495	TV8499

Description	Outdoor housing with heating	Outdoor housing with heating and power supply unit	Outdoor housing with heating, fan, and power supply unit	"Light silver" sunshield
Features	• Protection class IP67 • Internal cable routing • Heating included • Worry-free use in outdoor areas	• Protection class IP67 • Built-in 12 V DC (1.5 A, gross) power supply unit • Internal cable routing • Heating included • Worry-free use in outdoor areas	• Protection class IP54 • Built-in 12 V DC (3.5 A, gross) power supply unit • Internal cable routing • Heating and fan included	• High reflection for improved heat rejection • Variable positioning • Pressure-cast powder-coated aluminum
Scope of delivery includes	Joint component • mounting set	Joint component • mounting set	Joint component • mounting set	

Item number	TV8493	TV8494	TV8495	TV8499
Price exclude VAT	€ 119.00 • £ 104.00 • $ 155.00	€ 139.00 • £ 121.00 • $ 181.00	€ 149.00 • £ 130.00 • $ 194.00	€ 19.00 • £ 16.50 • $ 24.70

Item number	TV5730	TV5731	TV8350	TV8351

Description	2.4 GHz wireless outdoor housing	5.8 GHz wireless outdoor housing	360 mm outdoor housing	400 mm outdoor housing
Features	• Wireless surveillance outdoors • Wide range • Integrated heating for a constant clear view • Suitable for analog wireless or WLAN	• Wireless surveillance outdoors • Wide range • Integrated heating for a constant clear view	• Weatherproof, painted aluminum housing • Hinged lid for convenient mounting • Integrated 230 V AC heating with thermostat • Protection class: IP66	• Weatherproof, painted aluminum housing • Hinged lid for convenient mounting • Integrated 230 V AC heating with thermostat • Protection class: IP66

Item number	TV5730	TV5731	TV8350	TV8351
Price exclude VAT	€ 250.00 • £ 218.00 • $ 325.00	€ 250.00 • £ 218.00 • $ 325.00	€ 44.00 • £ 38.30 • $ 57.20	€ 49.00 • £ 42.60 • $ 63.70

Outdoor housings, camera mounts

Item number	TV7606	TVAC70000	TVAC70050

Description	Outdoor housing for PTZ dome cameras	Outdoor housing for P/T network cameras	Outdoor housing for P/T WLAN network cameras
Features	• Robust outdoor housing made from aluminum, incl. wall mount • Internal cable routing • Windproof and weatherproof • Ceiling or wall mounting • Polycarbonate dome	• Suitable for pan/tilt network cameras • 12 V DC heating • Protection class IP66 • Not suitable in conjunction with activated IR light	• Suitable for pan/tilt network cameras • 12 V DC heating • Protection class IP66 • Not suitable in conjunction with activated IR light
Scope of delivery includes	Straight wall mount • safety wire	LAN adapter • network cable • Y cable	LAN adapter • network cable • Y cable

Item number	TV7606	TVAC70000	TVAC70050
Price exclude VAT	€ 399.00 • £ 347.00 • $ 519.00	€ 169.00 • £ 147.00 • $ 220.00	€ 199.00 • £ 173.00 • $ 259.00

Item number	TV8339	TV8352	TV8496	TV8497	TV8498

Description	Mount for cameras/IR illuminators	Wall mount for outdoor housing	Pole mount	Corner mount	Ceiling mount
Features	• 1/4" tripod screw • Max. load: 6 kg • Flexible mount for wall and ceiling, indoor and outdoor • Anti-swivel protection	• Load-bearing capacity: 10 kg • Horiz./vert. orientation: 360°/45° • Horiz./vert. orientation: 360°/45° • Compatible products: TV5730, TV5731, TV8350, TV8351	• For attaching the outdoor housing to masts and poles • Compatible products: TV8493, TV8494, TV8495	• For attaching the outdoor housing to corners • Compatible products: TV8493, TV8494, TV8495	• For safe ceiling mounting • Extra-sturdy steel design • Internal cable routing • Compatible products: TV8493, TV8494, TV8495

Item number	TV8339	TV8352	TV8496	TV8497	TV8498
Price exclude VAT	€ 24.90 • £ 21.70 • $ 32.40	€ 19.90 • £ 17.30 • $ 25.90	€ 69.00 • £ 60.00 • $ 89.70	€ 69.00 • £ 60.00 • $ 89.70	€ 89.00 • £ 77.40 • $ 116.00

Camera mounts

Item number	TV8390	TV8391	TV8392	TV8393	TV8394

Description	125 mm camera mount	215 mm camera mount	250 x 160 mm curved camera mount	100 mm extension for camera mount	200 mm extension for camera mount
Features	• Elegant aluminum mount • 360° ball joint with quick release • Internal cable routing possible • Load-bearing capacity: 4 kg • 1/4" tripod screw	• Elegant aluminum mount • 360° ball joint with quick release • Internal cable routing possible • Load-bearing capacity: 4 kg • 1/4" tripod screw	• Elegant aluminum mount • 360° ball joint with quick release • Internal cable routing possible • Load-bearing capacity: 4 kg • 1/4" tripod screw	• Elegant aluminum mount • Load-bearing capacity: 4 kg • Internal cable routing possible	• Elegant aluminum mount • Load-bearing capacity: 4 kg • Internal cable routing possible

Item number	TV8390	TV8391	TV8392	TV8393	TV8394
Price exclude VAT	€ 14.90 • £ 13.00 • $ 19.40	€ 15.90 • £ 13.80 • $ 20.70	€ 18.90 • £ 16.40 • $ 24.60	€ 5.90 • £ 5.13 • $ 7.67	€ 7.90 • £ 6.87 • $ 10.30

Item number	TV7608	TV7609	TV7610	TV7611	TV7612	TV7613	TVAC31020

Description	Ceiling mount for PTZ dome cameras	Straight ceiling mount for PTZ dome cameras	Pole mount for PTZ dome cameras	Corner mount for PTZ dome cameras	Curved wall mount for PTZ dome cameras	Wall mount for mini PTZ dome cameras	Wall mount for dome cameras
Features	• On-ceiling mounting for PTZ dome cameras • Can be combined with ceiling/flush mount TV7609 or TV7612 • Fast and simple installation	• For ceiling mounting of the PTZ dome camera • In combination with outdoor housing TV7606 or can be combined with ceiling mount TV7608	• Pole mounting for PTZ dome/PTZ outdoor housing • Suitable in conjunction with TV7606, TV7612, TV7613, TVAC70000, and TVAC70050	• Corner mounting for PTZ dome/PTZ outdoor housing • Suitable in conjunction with TV7606, TV7612, TV7613, TVAC70000, and TVAC70050	• For wall mounting of the PTZ dome camera • In combination with outdoor housing TV7606 or can be combined with ceiling mount TV7608	• Sturdy flush mount for the mini PTZ dome camera (TV7602) • Can be combined with pole/corner mount TV7611 or TV7610 • Internal cable routing	• Simple mounting of dome cameras • Internal cable routing • Sturdy pressure-casting

Item number	TV7608	TV7609	TV7610	TV7611	TV7612	TV7613	TVAC31020
Price exclude VAT	€ 99.00 • £ 86.10 $ 129.00	€ 79.00 • £ 68.70 $ 103.00	€ 79.00 • £ 68.70 $ 103.00	€ 79.00 • £ 68.70 $ 103.00	€ 99.00 • £ 86.10 $ 129.00	€ 59.00 • £ 51.30 $ 76.70	€ 19.90 • £ 17.30 $ 25.90

Dome camera accessories

Item number	TV7607	TV7620	TV7617	TV7618	TV7619	TVAC31000	TVAC31010

Description	Mounting frame for PTZ dome cameras	Mounting frame for mini PTZ dome cameras	Tinted dome for PTZ dome cameras	Tinted dome for mini PTZ dome cameras	Tinted dome for outdoor housing	Heater kit for analog outdoor dome cameras	Ceiling mounting kit for analog indoor dome cameras
Features	• Robust and sturdy construction • For installation on a suspended ceiling • Suitable for the PTZ dome camera series	• Robust and sturdy construction • For installation on a suspended ceiling • Suitable for the mini PTZ dome camera (TV7602)	• Accessory for PTZ dome cameras • The camera's angle of view remains hidden	• Accessory for the mini PTZ dome camera • The camera's angle of view remains hidden • Also compatible with the outdoor housing for the P/T network camera	• Accessory for the outdoor housing for PTZ dome cameras • The camera's angle of view remains hidden	• Compatible products: TVCC36000, TVCC36010, TVCC36500, TVCC36510, TVCC71000, TVCC71500	• Compatible products: TVCC35000, TVCC35010, TVCC35500, TVCC35510, TVCC70000, TVCC70500

Item number	TV7607	TV7620	TV7617	TV7618	TV7619	TVAC31000	TVAC31010
Price exclude VAT	€ 49.00 • £ 42.60 $ 63.70	€ 49.00 • £ 42.60 $ 63.70	€ 49.00 • £ 42.60 $ 63.70	€ 39.00 • £ 33.90 $ 50.70	€ 69.00 • £ 60.00 $ 89.70	€ 19.90 • £ 17.30 $ 25.90	€ 19.90 • £ 17.30 $ 25.90

Item number	TVAC26000	TV8467	TV8468	TV8469	TV8473

Description	PTZ/DVR control panel	RS-232 to RS-485/RS-422 converter	Interface converter USB to RS-485	Interface converter RS-232 to RS-485	RS-485 matrix
Features	• 3D joystick with zoom-in and zoom-out function • Direct control from a DVR possible • Direct access to the OSD of the dome camera possible • LCD for display • RS485 interface	• Converts RS-232 data into RS-485 or RS-422 data • 4-wire full or 2-wire half-duplex • Distance: up to 1,200 m	• Converts USB to RS-485, half-duplex • Fast connection • Including driver CD	• Converts RS-232 to RS-485, half-duplex	• Simultaneous connection of two RS-485 controllers to one bus cable • Robust black metal housing
Scope of delivery includes	Power supply unit • 10-pin terminal connector	Power supply unit	USB connection cable		Power supply unit

Item number	TVAC26000	TV8467	TV8468	TV8469	TV8473
Price exclude VAT	€ 399.00 • £ 347.00 $ 519.00	€ 69.00 • £ 60.00 $ 89.70	€ 59.90 • £ 52.10 $ 77.90	€ 24.90 • £ 21.70 $ 32.40	€ 149.00 • £ 130.00 $ 194.00

Network

Item number	TVAC40810	TVAC40840	TVAC40880	TVAC40890

Description	2 m CAT-5 cable	10 m CAT-5 cable	Crimping pliers for network cable	RJ45 plug
Features	• For connecting network cameras to routers and PCs, for example • RJ45 plug incl. bend relief • Use in multimedia networks and telephone systems • Suitable for use with network cameras • 8-pin RJ45 connections		• Suitable for crimping RJ45 plugs • For insulation of network cables	• Suitable for CAT-5 cable

Item number	TVAC40810	TVAC40840	TVAC40880	TVAC40890
Price exclude VAT	Current price at www.abus.com/login		€ 49.00 • £ 42.60 • $ 63.70	€ 0.99 • £ 0.86 • $ 1.29

Item number	TVAC17500	TVAC17550	TVIP40000

Description	Omnidirectional antenna (2.4 GHz/5 dB)	1 m antenna cable	D1 network video server
Features	• External antenna for WLAN devices (such as WLAN outdoor housings) • Improvement in antenna strength of up to 5 dB • Aperture angle: 31° vertical, 360° horizontal • Frequency: 2.4 GHz • Protection class IP65	• For individual positioning of the antenna • Suitable for TVAC17500 omnidirectional antenna • Weather-resistant material • Insertion loss: 1 dB • Connection: SMA/SMA (reverse polarity) • Length: 1 m	• Used for integrating analog cameras in networks • H.264 compression – effective use of storage space and bandwidth • Real-time streaming at D1 resolution • PoE function • Integrated SD card slot • Audio and alarm I/0 • RS-485 interface for controlling speed dome cameras
Scope of delivery includes			Power supply unit • wall mount incl. fixing screws • VMS Express Software

Item number	TVAC17500	TVAC17550	TVIP40000
Price exclude VAT	€ 55.00 • £ 47.90 • $ 71.50	€ 9.00 • £ 7.83 • $ 11.70	€ 299.00 • £ 260.00 • $ 389.00

Signal transmission

Item number	TVAC25100	TVAC25110	TV8720	TV8740

Description	Transmission set (IP via coax)	Transmission set (IP via dual-wire)	1.5 km 2-wire transmission set	600 meter 2-wire transmission set
Features	• Use of existing coaxial lines for transmitting IP video signals • High bandwidth • Increased range (up to 1,500 m) compared to network cables • Delay-free real-time video transmission • Ideal for installations where a wireless connection is not possible • Reduction of installation costs, as expensive network cables are not needed	• Use of existing dual-wire lines for transmitting IP video signals • High bandwidth • Increased range (up to 1,500 m) compared to network cables • Delay-free real-time video transmission • Ideal for installations where a wireless connection is not possible • Reduction of installation costs, as expensive network cables are not needed	• Video input/output: 1 Vp-p (75 ohm) • Cinch audio input/output • RS-485 DataIN/DataOUT • Alarm input/output (NO) • Transmission range: 100–1,500 m	• 1 x BNC plug (1 Vp-p, 75 ohm) • 1 x RJ45 socket (100 ohm) • Set consisting of transmitter and receiver • Max. transmission distance 600 m • Use of twisted pair or network cables for video transmission
Scope of delivery includes	Power supply unit (EU, UK, AU)	Power supply unit (EU, UK, AU)	2 power supply units	Screw terminal adapter

Item number	TVAC25100	TVAC25110	TV8720	TV8740
Price exclude VAT	€ 299.00 • £ 260.00 • $ 389.00	€ 299.00 • £ 260.00 • $ 389.00	€ 109.00 • £ 94.80 • $ 142.00	€ 49.00 • £ 42.60 • $ 63.70

Item number	TV8760	TV8761	TVAC20000	TVAC22000	TVAC22010

Description	Passive VGA transmission set	Active VGA transmission set	BNC/VGA converter	HD-SDI/HDMI converter	HD-SDI repeater
Features	• A wide variety of applications: LCD projector systems, laptops, VGA monitors • Transmission distance: up to 135 m (depending on resolution) • Transmission of video signals via twisted pair network cables • Video input/output: VGA-DSUB socket/RJ45 socket • Input signals 1 Vp-p (75 ohm)	• Optimally suited for presentations • Looped-through VGA output on transmission module for local monitor • Contrast and brightness control on receiver • Max. resolution: 1,600 x 1,200 @ 85 Hz • Max. transmission range of 300 meters for all resolutions	• Video (BNC) and S-Video signal is converted to VGA signal • Max. resolution 1,280 x 1,024 pixels • Pause picture with freeze option (BNC only) • Manual switching input signals • Plug & play	• Conversion of an HD-SDI signal into an HDMI interface • HD-SDI standard SMPTE 292M • Status indicators for signal quality • Plug & play	• Extension of the range of HD-SDI signals • Max. range extension: 150 meters (depending on the cable type)
Scope of delivery includes		2 power supply units			

Item number	TV8760	TV8761	TVAC20000	TVAC22000	TVAC22010
Price exclude VAT	€ 119.00 • £ 104.00 $ 155.00	€ 269.00 • £ 234.00 $ 350.00	€ 119.00 • £ 104.00 $ 155.00	€ 299.00 • £ 260.13 $ 388.70	€ 299.00 • £ 260.13 $ 388.70

Video accessories

Signal transmission, video cable

Item number	TV8682	TV8725	TV8726	TV8727	TV8728

Description	Digital UHF modulator	1,000 m signal repeater	4x signal distributor	Video interference filter	Overvoltage protection
Features	• Converts video and audio signals into HF signals • Cinch video and audio input • HF output (F plug): 90 dBµV min. • Transmission range: 470−883 MHz	• Extends the transmission distance over coaxial cable • Maximum cable length 1,000 m (with RG59 cable) • 1 video input on 2 video outputs (BNC/75 ohm/1 Vp-p) • Adjustable picture focus and brightness • Suitable for PAL and NTSC	• Transmission of a video signal to up to four monitors or recorders • 1 video input (BNC/1 Vp-p, 75 ohm), 4 video outputs (BNC/1 Vp-p, 75 ohm) • Suitable for PAL and NTSC	• Prevents image noise by balancing differences in potential • Used between camera and monitor	• Protects cameras and recorders from overvoltage • Simple mounting on the BNC connection • Fast response time of 1 ns
Scope of delivery includes	Power supply unit	Power supply unit	Power supply unit		

Item number	TV8682	TV8725	TV8726	TV8727	TV8728
Price exclude VAT	€ 99.00 · £ 86.10 · $ 129.00	€ 59.00 · £ 51.30 · $ 76.70	€ 59.00 · £ 51.30 · $ 76.70	€ 49.00 · £ 42.60 · $ 63.70	€ 19.00 · £ 16.50 · $ 24.70

Item number	TVAC40000	TVAC40010	TVAC40020	TVAC40030	TVAC40040	TVAC40050

Description	1 m prepatched BNC cable	2 m prepatched BNC cable	3 m prepatched BNC cable	5 m prepatched BNC cable	10 m prepatched BNC cable	20 m prepatched BNC cable
Features	• BNC plug at both ends • Impedance: 75 ohm • High-quality prepatched cable					

Item number	TVAC40000	TVAC40010	TVAC40020	TVAC40030	TVAC40040	TVAC40050
Price exclude VAT	Current price at www.abus.com/login					

Video cable

Item number	TVAC40110	TVAC40120	TVAC40130	TVAC40300	TVAC40310	TVAC40320

Description	10 m ready-to-connect combined video cable	20 m ready-to-connect combined video cable	30 m ready-to-connect combined video cable	50 m video triplex cable	100 m video triplex cable	250 m video triplex cable
Features	• Video signal and power supply combined in one cable • Preassembled BNC and DC connections • Suitable for all cameras with BNC socket (female) and power supply connection (male)			• Transmission of video image, power supply, and control data • Weather-resistant material • UV-resistant cable • Integrated RG59 coaxial cable, power line 2 x 0.75 mm², control line 2 x 0.22 mm²		

Item number	TVAC40110	TVAC40120	TVAC40130	TVAC40300	TVAC40310	TVAC40320
Price exclude VAT	Current price at www.abus.com/login					

Item number	KA9000	KA9001	KA9002	TV8600	TV8601	TV8602	TVAC40440

Description	250 m combined video cable	100 m combined video cable	50 m combined video cable	250 m RG59 video cable	100 m RG59 video cable	50 m RG59 video cable	150 m RG6 video cable
Features	• Combined cable for video image and power supply • Coaxial cable with 75 ohm impedance • Power line, 2 x 0.75 mm²			• With flexible internal conductor • 75 ohm, type 0.6 L/3.7 mm			• For ranges of up to 150 m when using HD-SDI cameras • Length: 150 m

Item number	KA9000	KA9001	KA9002	TV8600	TV8601	TV8602	TVAC40440
Price exclude VAT	Current price at www.abus.com/login						

Connectors

Item number	TV8613	TV8614

Description	Crimping pliers	Wire stripping pliers
Features	· Suitable for different BNC crimp plug types · Ergonomic handle · High-quality material	· Suitable for coax video cables · Insulation of inner conductor over 4 mm length · Insulation of outer conductor over 12 mm length

Item number	TV8613	TV8614
Price exclude VAT	€ 49.90 · £ 43.40 · $ 64.90	€ 21.90 · £ 19.10 · $ 28.50

Item number	TVAC40600	TVAC40610	TVAC40620	TVAC40630	TVAC40640	TVAC40650

Description	BNC crimp plug RG59	BNC angle crimp plug	BNC coupling	BNC T distributor	BNC/RCA adapter	BNC/cinch coupling
Features	· BNC crimp plug for RG59 video cable · 75 ohm · With gold-plated pin	· For negotiating corners and edges · BNC angle crimp plug for video cable · 75 ohm	· BNC coupling for video cable · High-quality material · 75 ohm	· BNC T-piece for video cable · Distribution of one signal on two outputs · 75 ohm	· Changing from RCA to BNC · BNC (male) – RCA (female) · 75 ohm	· Changing from BNC to cinch · BNC (female) – cinch (male) · 75 ohm

Item number	TVAC40600	TVAC40610	TVAC40620	TVAC40630	TVAC40640	TVAC40650
Price exclude VAT	€ 0.99 · £ 0.86 · $ 1.29	€ 1.59 · £ 1.38 · $ 2.07	€ 0.99 · £ 0.86 · $ 1.29	€ 0.99 · £ 0.86 · $ 1.29	€ 1.89 · £ 1.64 · $ 2.46	€ 1.89 · £ 1.64 · $ 2.46

Wireless

Item number	TV5720	TV5721	TV5722	TV5723

Mounting example (camera not included in scope of delivery)

Description	2.4 GHz universal wireless transmitter	5.8 GHz universal wireless transmitter	2.4 GHz universal wireless transmitter for camera	5.8 GHz universal wireless transmitter for camera
Features	• For indoor and outdoor use, protection class IP54 • Transmits video and audio signals • Wide range • Channel selector switch with display • Alarm input	• For indoor and outdoor use, protection class IP54 • Transmits video and audio signals • Wide range • Channel selector switch with display • Alarm input	• For use indoors and outdoors (in the wireless outdoor housing) • Transmission of video signals on 2.4 and 5.8 GHz • Wide range, up to 500 meters	• For use indoors and outdoors (in the wireless outdoor housing) • Transmission of video signals on 2.4 and 5.8 GHz • Wide range, up to 500 meters
Item number	TV5720	TV5721	TV5722	TV5723
Price exclude VAT	**€ 360.00 · £ 313.00 · $ 468.00**	**€ 560.00 · £ 487.00 · $ 728.00**	**€ 450.00 · £ 392.00 · $ 585.00**	**€ 650.00 · £ 566.00 · $ 845.00**

Item number	TV5710	TV5711	TV5741	TV5742

Description	2.4 GHz wireless indoor receiver	5.8 GHz wireless indoor receiver	2.4 GHz universal wireless receiver	5.8 GHz universal wireless receiver
Features	• Channel switch and display • Transistor alarm output • High reception power	• Channel switch and display • Transistor alarm output • High reception power	• For internal and external use, IP54 • Reception of video and audio signals • Wide range • Channel selector switch with display • Alarm input • Video image inversion	• For internal and external use, IP54 • Reception of video and audio signals • Wide range • Channel selector switch with display • Alarm input • Video image inversion
Item number	TV5710	TV5711	TV5741	TV5742
Price exclude VAT	**€ 650.00 · £ 566.00 · $ 845.00**	**€ 850.00 · £ 740.00 · $ 1.105.00**	**€ 790.00 · £ 687.00 · $ 1,027.00**	**€ 990.00 · £ 861.00 · $ 1,287.00**

Video accessories

Wireless

Item number	TVAC15100

Description	Digital video transmission set (2.4 GHz)
Resolution	720 x 480
Output	AV-OUT
Frame rate	30 fps
Input	AV-IN
Frequency	2.4 GHz encrypted
DC voltage supply	5 V
Power consumption	Max. 400 mA
Camera inputs	1
Dimensions (W × H × D)	114 × 85 × 23 mm

Scope of delivery includes	Receiver • transmitter • 2 power supply units, incl. EU, AUS, and UK adapters • 2 AV cables • 2 BNC-RCA adapters

NEW

· Wireless transmission of video and audio signals
· Transmission frame rate of 30 fps @ D1 resolution
· 2.4 GHz encrypted digital wireless transmission
· Integrated IR transmitter
· Max. range 100m in a free field area

Item number	TVAC15100
Price exclude VAT	€ 169.00 · £ 147.00 · $ 220.00

Item number	TVAC17000	TVAC17100	TVAC17210

Description	Power antenna (2.4 GHz/10 dB)	Power antenna (5.8 GHz/16 dB)	2 m antenna cable
Features	· Amplifies the video signal received, thus increasing the range · For connection to the universal wireless receiver · Improvement in reception of up to 10 dB · Protection class IP65	· Amplifies the video signal received, thus increasing the range · For connection to the universal wireless receiver · Improvement in reception of up to 16 dB · Protection class IP65	· For connecting the power antenna to the universal wireless receiver · Weather-resistant material · Individual positioning of the antenna possible · Connection: SMA - SMA · Length: 2 m

Item number	TVAC17000	TVAC17100	TVAC17210
Price exclude VAT	€ 35.00 · £ 30.50 · $ 45.50	€ 65.00 · £ 56.60 · $ 84.50	€ 9.00 · £ 7.83 · $ 11.70

Monitors

Item number	TVAC10040

Description	23.6" 1080p LED monitor
Connection type	1 x VGA, 1 x audio, 1 x HDMI
Horizontal/vertical viewing angle	178/170°
Picture format	16:9
Screen diagonal	23.6"
Display surface	Matt
Color gradations	16.7 million
Brightness	300 cd/m²
Comb filter	3D
Contrast ratio	1,000:1
Max. operating temperature	50 °C
Min. operating temperature	0 °C
Monitor type	Standard LED
Net weight	4.5 kg
Response time	5 ms
Signal recognition	Automatic
DC voltage supply	12 V
OSD language	Multilingual
Power consumption	Max. 4,000 mA
Video system	PAL/NTSC
Dimensions (W × H × D)	620 × 455 × 140 mm

Scope of delivery includes	Power supply unit • VGA cable • HDMI cable

• HD resolution: 1,920 x 1,080 pixels
• HDMI and VGA input
• Fast response time (5 ms)
• Graphical on-screen display (OSD)
• Integrated loudspeaker

Item number	TVAC10040
Price exclude VAT	€ 399.00 • £ 347.00 • $ 519.00

Item number	TVAC50020	TVAC50030

Description	19" quad TFT monitor	22" quad TFT monitor
Features	• Integrated quad processor • Pop-up upon alarm triggering • Very bright (500 cd/m³) • 4 BNC and 4 alarm inputs • HDMI and VGA input • Resolution: 1,280 x 1,024 (SXGA)	• Integrated quad processor • Pop-up upon alarm triggering • Very bright (500 cd/m²) • 4 BNC and 4 alarm inputs • HDMI and VGA input • Resolution: 1680 x 1050 (WSXGA+)
Scope of delivery includes	HDMI cable • HDMI/DVI cable • VGA cable	HDMI cable • HDMI/DVI cable • VGA cable

Item number	TVAC50020	TVAC50030
Price exclude VAT	€ 799.00 • £ 695.00 • $ 1,039.00	€ 899.00 • £ 782.00 • $ 1,169.00

Monitors

Item number	TVAC10010	TVAC10020	TVAC10030
Description	**17" TFT monitor**	**19" TFT monitor**	**19" VGA TFT monitor**
Features	• Fast response time (5 ms) • High resolution: 1,280 x 1,024 pixels • Graphical on-screen display (OSD) • Integrated loudspeaker • Inputs: 1 x VGA, 1 x BNC, 1 x cinch (audio) • Outputs: 1 x BNC, 1 x cinch (audio)	• Fast response time (5 ms) • High resolution: 1,280 x 1,024 pixels • Graphical on-screen display (OSD) • Integrated loudspeaker • Inputs: 1 x VGA, 1 x BNC, 1 x cinch (audio) • Outputs: 1 x BNC, 1 x cinch (audio)	• Fast response time (5 ms) • Graphical on-screen display (OSD) • High resolution (1,280 x 1,024 pixels) • Integrated loudspeaker • Inputs: 1 x VGA, 1 x cinch (audio)
Scope of delivery includes	Power supply unit	Power supply unit	Power supply unit • VGA cable

Item number	TVAC10010	TVAC10020	TVAC10030
Price exclude VAT	**€ 449.00 • £ 391.00 • $ 584.00**	**€ 549.00 • £ 478.00 • $ 714.00**	**€ 249.00 • £ 217.00 • $ 324.00**

Item number	TVAC10000
Description	**8.4" TFT monitor**
Features	• Full-contrast 8.4" TFT monitor • SVGA resolution 800 x 600 • Many useful connections: 2 x BNC inputs/outputs, 1 x S-Video, 1 x VGA, 2 x audio • OSD (on-screen display) • Integrated loudspeaker • PIP (picture-in-picture) function with various viewing options
Scope of delivery includes	Power supply unit • VGA cable • cinch audio cable • remote control

Item number	TVAC10000
Price exclude VAT	**€ 399.00 • £ 347.00 • $ 519.00**

Monitors, digital quad processor

Item number	TVAC10100

Description	3.5" test monitor
Features	• Measurement of AC/DC voltage and video signal • Contact resistance measurement • Zoom/PTZ camera control (PELCO D/P) • Graphical on-screen display (OSD) • Battery operation for up to 4 hours
Scope of delivery includes	Bag • protective cover • connector clamps • rechargeable battery • power supply unit • sensor • video cable • neck band • wrist band
Replacement batteries/ rechargeable batteries	Replacement rechargeable battery for 3.5" TFT test monitor (TVAC10150)

Description	3.5" test monitor	Replacement rechargeable battery for 3.5" TFT test monitor
Item number	TVAC10100	TVAC10150
Price exclude VAT	€ 449.00 • £ 391.00 • $ 584.00	€ 39.00 • £ 33.90 • $ 50.70

Item number	TVAC10500	TVAC21000

Description	Wall mounting for TFT monitors	Digital quad processor
Features	• Convenient and sturdy wall mounting of TFT monitors • VESA-compatible • Suitable for monitors from 17" to 26" • 3 flexibly adjustable joints • Max. load: 15 kg	• 4-channel quad processor for displaying up to 4 cameras on one monitor • Real-time display (50 fields/second) • Integrated motion detector for each camera and selectable sensitivity • Alarm output for alarm recording • Event log for 60 events • Various display modes (quad split, picture-in-picture, picture-on-picture, sequencing function, single picture, playback mode) • Suitable for color and B&W cameras as well as PAL and NTSC
Scope of delivery includes	Mini spirit level • open-jaw wrench	Power supply unit

Item number	TVAC10500	TVAC21000
Price exclude VAT	€ 59.00 • £ 51.30 • $ 76.70	€ 229.00 • £ 199.00 • $ 298.00

Infrared illuminators

Item number	TV6700	TV6807	TV6808	TV6815	TV6816

Lifetime aprox. 6.000 hours

Lifetime aprox. 50.000 hours

Discreet

Semi-discreet

Description	Mini IR illuminator	IR illuminator MEGA-LED S 6 m 880 nm	IR illuminator MEGA-LED S 5 m 940 nm	IR illuminator MEGA-LED S 13 m 880 nm	IR illuminator MEGA-LED S 10 m 940 nm
Horizontal/vertical beam angle	35°	60/40°	60/40°	25/25°	25/25°
Activation	< 2 lx	< 2 lx	< 2 lx	< 2 lx	< 2 lx
Number of LEDs	24	21	21	21	21
Max. operating temperature	50 °C	40 °C	40 °C	40 °C	40 °C
Min. operating temperature	–10 °C	–30 °C	–30 °C	–30 °C	–30 °C
Optical wavelength	850 nm	880 nm	940 nm	880 nm	940 nm
Range at 0.01 lux		12 m	10 m	25 m	20 m
Range at 0.1 lux		6 m	5 m	13 m	10 m
DC voltage supply	12 V	12 V	12 V	12 V	12 V
Power consumption	210 mA	350 mA	350 mA	350 mA	350 mA
LED type	Semi-discreet	Semi-discreet	Discreet	Semi-discreet	Discreet
Dimensions (W × H × D)	37 × 53 mm	71 × 38 × 48 mm	71 × 38 × 48 mm	71 × 38 × 48 mm	74 × 38 × 48 mm
Item number	TV6700	TV6807	TV6808	TV6815	TV6816
Price exclude VAT	€ 44.90 · £ 39.10 · $ 58.40	€ 169.00 · £ 147.00 · $ 220.00	€ 169.00 · £ 147.00 · $ 220.00	€ 149.00 · £ 130.00 · $ 194.00	€ 149.00 · £ 130.00 · $ 194.00

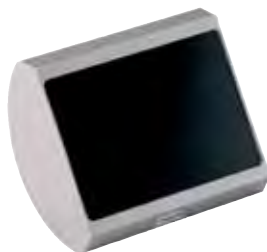| Item number	TV6818	TV6819	TV6830	TV6831

Lifetime aprox. 50.000 hours

Discreet

Semi-discreet

Description	IR illuminator MEGA-LED M 9 m 880 nm	IR illuminator MEGA-LED M 7 m 940 nm	IR illuminator MEGA-LED M 20 m 880 nm	IR illuminator MEGA-LED M 15 m 940 nm
Horizontal/vertical beam angle	60/40°	60/40°	20/20°	20/20°
Activation	< 2 lx	< 2 lx	< 2 lx	< 2 lx
Number of LEDs	56	56	56	56
Max. operating temperature	40 °C	40 °C	40 °C	40 °C
Min. operating temperature	–30 °C	–30 °C	–30 °C	–30 °C
Optical wavelength	880 nm	940 nm	880 nm	940 nm
Range at 0.01 lux	18 m	13 m	40 m	30 m
Range at 0.1 lux	9 m	7 m	20 m	15 m
DC voltage supply	12 V	12 V	12 V	12 V
Power consumption	810 mA	810 mA	810 mA	810 mA
LED type	Semi-discreet	Discreet	Semi-discreet	Discreet
Dimensions (W × H × D)	96 × 76 × 48 mm	98 × 76 × 48 mm	98 × 76 × 48 mm	98 × 76 × 48 mm
Item number	TV6818	TV6819	TV6830	TV6831
Price exclude VAT	€ 299.00 · £ 260.00 · $ 389.00	€ 299.00 · £ 260.00 · $ 389.00	€ 299.00 · £ 260.00 · $ 389.00	€ 299.00 · £ 260.00 · $ 389.00

Infrared illuminators

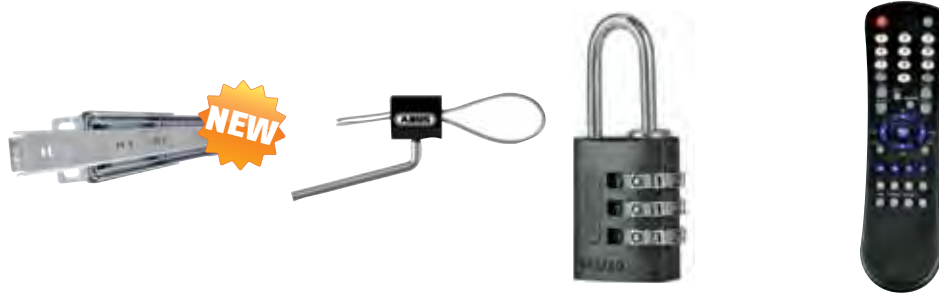| Item number	TV6825	TV6826	TV6850	TV6851

Discreet

Semi-discreet

Lifetime aprox.
50.000 hours

Description	IR illuminator MEGA-LED L 13 m 880 nm	IR illuminator MEGA-LED L 9 m 940 nm	IR illuminator MEGA-LED L 30 m 880 nm	IR illuminator MEGA-LED L 20 m 940 nm
Horizontal/vertical beam angle	60/40°	60/40°	20/20°	20/20°
Number of LEDs	98	98	98	98
Max. operating temperature	40 °C	40 °C	40 °C	40 °C
Min. operating temperature	-30 °C	-30 °C	-30 °C	-30 °C
Optical wavelength	880 nm	940 nm	880 nm	940 nm
Range at 0.01 lux	25 m	17 m	60 m	40 m
Range at 0.1 lux	13 m	9 m	30 m	20 m
DC voltage supply	12 V	12 V	12 V	12 V
Power consumption	1,500 mA	1,500 mA	1,500 mA	1,500 mA
LED type	Semi-discreet	Discreet	Semi-discreet	Discreet
Dimensions (W × H × D)	110 × 100 × 51 mm	110 × 100 × 51 mm	110 × 100 × 51 mm	110 × 100 × 51 mm
Item number	TV6825	TV6826	TV6850	TV6851
Price exclude VAT	€ 499.00 · £ 434.00 · $ 649.00	€ 499.00 · £ 434.00 · $ 649.00	€ 499.00 · £ 434.00 · $ 649.00	€ 499.00 · £ 434.00 · $ 649.00

Item number	TV6855	TV6856	TV6898	TV6899	TV6857

Discreet

Semi-discreet

Lifetime aprox.
50.000 hours

Description	IR illuminator MEGA-LED XL 20 m 880 nm	IR illuminator MEGA-LED XL 14 m 940 nm	IR illuminator MEGA-LED XL 35 m 940 nm	IR illuminator MEGA-LED XL 50 m 880 nm	Day/night switchbox for IR illuminator MEGA-LED XL
Horizontal/vertical beam angle	60/40°	60/40°	20/20°	20/20°	
Number of LEDs	294	294	294	294	
Max. operating temperature	40 °C	40 °C	40 °C	40 °C	40 °C
Min. operating temperature	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C
Optical wavelength	880 nm	940 nm	940 nm	880 nm	
Range at 0.01 lux	40 m	28 m	70 m	100 m	
Range at 0.1 lux	20 m	14 m	35 m	50 m	
DC voltage supply	12 V	12 V	12 V	12 V	12 V
Power consumption	3,900 mA	3,900 mA	3,900 mA	3,900 mA	8,000 mA
LED type	Semi-discreet	Discreet	Discreet	Semi-discreet	
Dimensions (W × H × D)	200 × 134 × 64 mm	200 × 134 × 64 mm	200 × 134 × 64 mm	200 × 134 × 64 mm	105 × 58 × 35 mm
Item number	TV6855	TV6856	TV6898	TV6899	TV6857
Price exclude VAT	€ 899.00 · £ 782.00 $ 1,169.00	€ 899.00 · £ 782.00 $ 1,169.00	€ 899.00 · £ 782.00 $ 1,169.00	€ 899.00 · £ 782.00 $ 1,169.00	€ 60.00 · £ 52.20 $ 78.00

Accessories for digital recorders

Item number	TV3160	TVAC40910	TVAC40920	TVAC40930

Description	26" telescope rails for HDVR	Recorder sealing set	Recorder lock	Remote control for digital recorders
Features	· For easy installation of the HDVR in the server cabinet	· Protection from and monitoring of unauthorized access · Serial numbering for identification · Quick and easy installation · Can be used with ABUS recorders TVVR411x0, TVVR45020, TV-VR600x0, TVHD80000	· Protects the hard drives from access · Can be used with ABUS recorders TVVR411x0, TVVR45020, TV-VR600x0, TVHD80000 · Adjustable 3-digit number code · Solid aluminum lock body with anodized coating · Resistant to corrosion	· Simple control of ABUS recorders · Can be used with models TVVR20001, TVVR30003, TV-VR411x0, TVVR45020, and TVHD80000 · Power supplied by 2 AAA batteries (not scope of delivery)
Scope of delivery includes	Installation material			

Item number	TV3160	TVAC40910	TVAC40920	TVAC40930
Price exclude VAT	€ 99.00 · £ 86.10 · $ 129.00	€ 19.90 · £ 17.30 · $ 25.90	€ 8.99 · £ 7.82 · $ 11.70	€ 9.90 · £ 8.61 · $ 12.90

Item number	CASA10010	TVAC41920	TVAC41930

Description	IP alarm module	Adapter cables for digital recorders, 8 x BNC	Adapter cables for digital recorders, 16 x BNC
Features	· The intelligent link between alarm and video surveillance · 2 zones for up to 8 wireless detectors or wireless operating units (feedback only in conjunction with recorder) · Receives alarm messages via 868 MHz wireless or IP network (detectors and video recording equipment) · Activates wireless sounder, wireless socket · Activates and deactivates recording equipment through commands over the network · Compatible with VMS Basic/Professional/Enterprise and HDVR from VMS Version 7.0 · 12 V power supply (power supply unit required)	· All camera inputs are looped through and then put out · Suitable for TVVR41110, TVVR60010	· All camera inputs are looped through and then put out · Suitable for TVVR41120, TVVR60020
Scope of delivery includes	Network cable		

Item number	CASA10010	TVAC41920	TVAC41930
Price exclude VAT	€ 349.00 · £ 304.00 · $ 454.00	€ 9.90 · £ 8.61 · $ 12.90	€ 9.90 · £ 8.61 · $ 12.90

Storage media

Item number	TV8940	TV8942	TV8943	TV8963	TV8964	TVAC40970

Description	500 GB S-ATA hard drive	1 TB S-ATA hard drive	2 TB S-ATA hard drive	16 GB SDHC card	32 GB SDHC card	4 GB microSD card
Features	· Hard drive suitable for 24/7 use · 500 GB storage capacity · Fast installation · Compatible with DVRs by S-ATA connections	· Hard drive suitable for 24/7 use · 1,000 GB storage capacity · Fast installation · Compatible with DVRs by S-ATA connections	· Hard drive suitable for 24/7 use · 2,000 GB storage capacity · Fast installation · Compatible with DVRs by S-ATA connections	· High-speed class 4 · 16 GB storage capacity	· High-speed class 4 · 32 GB storage capacity	· Suitable for TVVR10000, TVVR11000, TVVR15000, TVIP31xxx, TVIP41550, and TVIP71xxx · 4 GB storage capacity · Minimum transmission speed of 4 MB/sec · Fulfills SD specification 2.00

Item number	TV8940	TV8942	TV8943	TV8963	TV8964	TVAC40970
Price exclude VAT	Current price at www.abus.com/login					

Item number	TV8960	TVAC40900	TVAC42000

NEW

Description	6-in-1 card reader	USB DVD burner	USB 3.0 hard drive housing
Features	· Read and write to six different card formats · Plug & play · For Windows, Mac, Linux · USB port · Fits in any pocket	· For exporting data to DVDs easily · Compatible with the ABUS recorders (except for TVVR25000 and TVVR25010) · Support for all common disk formats · USB 2.0 connection	· For storage of the data from your 4-channel video buffer (TVVR35000) · USB 3.0/2.0 connection · Tested and approved for ABUS 500 GB, 1 TB, and 2 TB S-ATA hard drives · Passive cooling (quiet) · Robust aluminum metal housing
Scope of delivery includes		USB cable · power supply unit	USB cable · power supply unit

Item number	TV8960	TVAC40900	TVAC42000
Price exclude VAT	€ 19.90 · £ 17.30 · $ 25.90	€ 149.00 · £ 130.00 · $ 194.00	€ 99.00 · £ 86.10 · $ 129.00

Video accessories

Power supply

Item number	TVAC25000	TVAC25010	TVAC25020

Description	PoE injector	PoE splitter	PoE kit
Features	• For transmitting data and power to all PoE-compatible network cameras via network cable • Transmission range of up to 100 m • Corresponds to the IEEE 802.3af standard • Can be used together with the PoE splitter (TVAC25010) for combined power and data transmission of ABUS network cameras without PoE	• Can be used together with the PoE injector (TVAC25000) for combined power and data transmission to all 12 V DC ABUS network cameras without PoE • Splits power and data signals of the injector before the connection to the camera • Corresponds to the IEEE 802.3af standard	• Power over Ethernet for ABUS network cameras • Easier installation thanks to use of LAN cable for data and power supply • Cost-effective set containing PoE injector and PoE splitter • Suitable for all ABUS network cameras • Transmission range of up to 100 m

Item number	TVAC25000	TVAC25010	TVAC25020
Price exclude VAT	€ 49.00 • £ 42.60 • $ 63.70	€ 39.00 • £ 33.90 • $ 50.70	€ 79.00 • £ 68.70 • $ 103.00

Item number	TV7616	TVAC35000	TVAC35200	TVAC35800

Description	CCTV power supply unit	International wall plug transformer	Mini built-in power supply unit	DC/2-pin adapter
Features	• Output voltage 12 V DC at 1.5 A	• Flexible power supply unit that can be used internationally • 4 different plug attachments (EU, AUS, UK, US) • Output voltage 12 V DC at 1.5 A	• Stabilized mini power supply unit • Ideal for installation in 55 mm flush sockets • Input voltage: 110–240 V AC • Output voltage: 12 V DC at 1.0 A	• Connection of a 2-wire power supply to the circular connector (DC) of the camera

Item number	TV7616	TVAC35000	TVAC35200	TVAC35800
Price exclude VAT	€ 12.90 • £ 11.20 • $ 16.80	€ 14.90 • £ 13.00 • $ 19.40	€ 65.00 • £ 56.60 • $ 84.50	€ 1.99 • £ 1.73 • $ 2.59

Power supply, toolbox

Item number	TVAC35500	TVAC35510	TVAC35520	TV8379	TVAC35600

Description	2 A CCTV high-power supply unit	3 A CCTV high-power supply unit	5 A CCTV high-power supply unit	24 V AC high-power supply unit for outdoor use	12–15 V DC high-power supply unit for outdoor use
Features	• Regulated output signal of 13.8 V DC • Electronic overload protection • Additional 1.0 A charging current for backup rechargeable battery (with holding charge) • LED control indicators for mains and fuse • Robust metal housing	• Regulated output signal of 13.8 V DC • Electronic overload protection • Additional 3.0 A charging current for backup rechargeable battery (with holding charge) • LED control indicators for mains and fuse • Robust metal housing	• Regulated output signal of 13.8 V DC • Electronic overload protection • Additional 5.0 A charging current for backup rechargeable battery (with holding charge) • LED control indicators for mains and fuse • Robust metal housing	• 24 V AC/4 x 1 A power supply unit for outdoor use • Electronic overload protection • 4 secured outputs • Protection class IP66	• 12–15 V DC/5 A power supply unit for outdoor use • Electronic overload protection • Protection class IP66
Scope of delivery includes				4 A fuse • 2 × 2 A fuse • 2 × PG screw connection	2 × 2 A fuse • 4 A fuse • 2 × PG screw connection

Item number	TVAC35500	TVAC35510	TVAC35520	TV8379	TVAC35600
Price exclude VAT	€ 79.00 • £ 68.70 $ 103.00	€ 119.00 • £ 104.00 $ 155.00	€ 169.00 • £ 147.00 $ 220.00	€ 159.00 • £ 138.00 $ 207.00	€ 199.00 • £ 173.00 $ 259.00

Item number	WZ9500

Description	Security toolbox
Scope of delivery includes	Compact spirit level with magnet • control cabinet key • 5 m pocket tape measure (9 mm wide) • Safetyline VDE combination pliers • Safetyline VDE wire stripping pliers • 200 mm cable shears • Jokari Super cable insulation stripper • VDE screwdriver set • voltage detector • junior hacksaw • Allen-key set (9-piece) • DIN 1041 ash hammer, 300 g • crimping pliers for BNC/TNC plugs • coaxial cable stripper • Safetyline VDE waterpump pliers • professional gas soldering iron, 25–125 watts • desoldering pump • 10 × universal insulation tape 15 x 10 (various colors) • 10 × BNC crimp plug • security bit set • professional pen multimeter (volts, amperes, ohms) • side-cutting pliers for electronics • needle-nose pliers (curved) for electronics • flat-nose pliers (straight) for electronics • VDE screwdriver set for electronics • adjustable wrench (universal open-jaw wrench) • cable knife • step drill for cable connections M12-32
Required accessories	PS88 care spray (double pack, 125 ml)

• Professional toolbox
• High-quality tools
• Robust (aluminum) and lockable
• For almost all application areas in electronic security technology
• Tools – Made in Germany

Item number	WZ9500
Price exclude VAT	€ 899.00 • £ 782.00 • $ 1,169.00

SPECIALIST DEALER INFORMATION

ABUS Security-Center makes a combined effort to support its specialist dealers, providing a broad range of training options, a convenient Webshop, and effective sales promotion through shop furnishings, brochures, and POS material. In this way we actively contribute to your daily business.

Sales, service, and contacts

Sales & Technical Support

Should you have any question concerning our products or should technical issues will occur, our sales and technical support teams will be happy to advise you by telephone and help you find a solution step by step.

Product-Service-Production (PSP)/check, repair and advanced replacement

If something breaks down: We test your device thoroughly in our PSP department and carry out the necessary repair work. Very practical: From partner status gold upwards and in accordance with our technical support, you will receive a replacement for the meantime und do not need to install any annoying interim solutions.

Webshop

Your fast and clear order option: at www.abus.com. You can easily take care of all orders in the partner area that has been set up there – the partner lounge. You can track your order status there as well.
You can also find all information and support for facilitating sales.

International contact

Languages	English, French, Spanish, Italian, Russian, German
Sales	+49 82 07 959 90-833
Fax orders	+49 82 07 959 90-152
E-mail orders	export@abus-sc.com
Technical support	+49 82 07 959 90-555

Warning stickers, IP protection classes, certificates

Item number	AU1312	AU1313	AU1314	AU1315

Description	Video surveillance warning sticker without ABUS logo 148 x 105 mm	Video surveillance warning sticker without ABUS logo 74 x 52.5 mm	Alarm warning sticker without ABUS logo 148 x 105 mm	Alarm warning sticker without ABUS logo 74 x 52.5 mm
Features	• Printed on both sides • Reflective • For "on-glass" and "behind-glass" attachment • Weather-resistant • Available in two sizes • For spaces accessible to the public, notice of video surveillance is legally required		• Printed on both sides • Reflective • For "on-glass" and "behind-glass" attachment • Weather-resistant • Available in two sizes	

Item number	AU1312	AU1313	AU1314	AU1315
Price exclude VAT	€ 4.70 · £ 4.09 · $ 6.11	€ 3.90 · £ 3.39 · $ 5.07	€ 4.70 · £ 4.09 · $ 6.11	€ 3.90 · £ 3.39 · $ 5.07

IP protection classes

Number 1	Protection from foreign objects	Number 2	Protection from water
0	No protection	0	No protection
1	Protected from solid foreign objects (50 mm diameter and up)	1	Protection from vertically falling water drops
2	Protected from solid foreign objects (12.5 mm diameter and up)	2	Protection from falling drops of water when the housing is tilted by 15°
3	Protected from solid foreign objects (2.5 mm diameter and up)	3	Protection from falling water spray up to 60° from vertical
4	Protected from solid foreign objects (1.0 mm diameter and up)	4	Protection from water spray coming from any direction
5	Protected from dust	5	Protection from jet water (from a nozzle) from any direction
6	Dustproof	6	Protection from strong jet water
		7	Protection in case of temporary immersion
		8	Protection in case of continuous submersion

Certificates

| Certificate	Description
DGUV Test Sicherheit geprüft tested safety	The DGUV "cash till" regulation (BGV C9) defines the "requirements for optical and room surveillance systems" for banks and money exchange institutions.
VdS Vertrauen durch Sicherheit	Trust through security: The VdS Schadenverhütung GmbH is a company belonging to the Gesamtverbandes der Deutschen Versicherungswirtschaft e.V. (German Insurance Association, GDV). It defines guidelines for a variety of security levels: • VdS Home for house and home • VDS-A for private areas • VDS-B for commercial areas • VDS-C for banks and jewelry businesses (high-risk businesses)
FIDUCIA	FIDUCIA is the IT partner of Raiffeisen-Volksbanken and certifies products and solutions for use in the context of the IT infrastructure of banks and their branches.
VSÖ	The neutral Verband der Sicherheitsunternehmen Österreichs (Austrian Association of Security Companies) issues certifications to confirm the high security standards of alarm and video products.
INCERT	The INCERT certificate is a quality standard for alarm products of great significance chiefly in Belgium.
forsikring & pension	F&P is the Danish certification authority for ensuring compliance with conditions and regulations concerning the construction and operation of alarm and fire alarm systems.

The ABUS shop-in-shop system

Item number	SC1450	SC1500	SC1750	SC1800
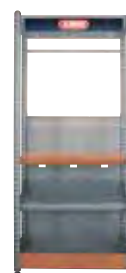
Description	ABUS shop-in-shop system (maple, 2 modules)	ABUS shop-in-shop system (maple, 1 module)	ABUS shop-in-shop system (northern birch, 2 modules)	ABUS shop-in-shop system (northern birch, 1 module)
Features	• Convincing shop presentation for live product demonstration • Generates customer interest and makes the purchasing decision easier • Uniform design • Room for placement of packaging facilitates immediate sale of existing stock • Compatible with ABUS shop-in-shop modules • Can be individually equipped with panels for alarm and video technology • Available in maple and northern birch colors		• Convincing shop presentation for live product demonstration • Generates customer interest and makes the purchasing decision easier • Uniform design • Room for placement of packaging facilitates immediate sale of existing stock • Compatible with ABUS shop-in-shop modules • Can be individually equipped with panels for alarm and video technology • Available in maple and northern birch colors	

Dimensions (W × H × D)	2080 × 2350 × 530 mm	1070 × 2350 × 530 mm	2080 × 2350 × 530 mm	1070 × 2350 × 530 mm
Item number	SC1450	SC1500	SC1750	SC1800
Price exclude VAT	Price on request	Price on request	Price on request	Price on request

Item number	SC1550	SC1850	SC1600	SC1900	SC1650	SC1950	SC1700	SC2000

Northern birch color option   Northern birch color option   Northern birch color option   Northern birch color option

Description	Secvest alarm panel (maple)	Secvest alarm panel (northern birch)	Privest alarm panel (maple)	Privest alarm panel (northern birch)	Video panel for 6 cameras (maple)	Video panel for 6 cameras (northern birch)	Video panel for 3 cameras (maple)	Video panel for 3 cameras (northern birch)
Features	• Panel for presentation of the Secvest 2WAY wireless alarm system • Simply hang it in the shop-in-shop module to install it		• Panel for presentation of the Privest wireless alarm system • Simply hang it in the shop-in-shop module to install it		• Panel for presentation of ABUS cameras and recorders • Simply hang it in the shop-in-shop module to install it		• Panel for presentation of ABUS cameras and recorders • Simply hang it in the shop-in-shop module to install it	
Scope of delivery includes	Panel (without products)		Panel (without products)		Panel (without products)		Panel (without products)	

Dimensions (W × H × D)	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm	1000 × 850 × 20 mm
Item number	SC1550	SC1850	SC1600	SC1900	SC1650	SC1950	SC1700	SC2000
Price exclude VAT	Price on request	Price on request	Price on request	Price on request	Price on request	Price on request	Price on request	Price on request

Demo cases

Item number	FU8015 **NEW**	FU8016 **NEW**

Description	Secvest 2WAY mechatronics demo case (DE, NL, FR)	Mechatronics foam insert (DE, NL, FR)
Features	• High-quality presentation case • For professional product presentation of Secvest 2WAY and mechatronic components • Contains all important components	• Mechatronic interchangeable insert for the Secvest 2WAY demo case • Contains all important components
Scope of delivery includes	Secvest 2WAY (DE, NL, FR) • wireless additional door lock • wireless window handle • mini wireless magnetic contact • FTS 96 E • wireless smoke detector • wireless motion detector • white and brown wireless magnetic contact • wireless shock detector • wireless keypad • wireless remote control • wireless emergency transmitter • wireless info module • proximity chip key • power supply unit • case	Secvest 2WAY wireless alarm panel • foam insert • wireless additional door lock • wireless alarm panel • mini wireless magnetic contact • FTS 96 E • power supply unit

Item number	FU8015	FU8016
Price exclude VAT	€ 2,299.00 • £ 2,000.00 • $ 2,989.00	€ 999.00 • £ 869.00 • $ 1,299.00

Item number	FU8003	FU8009	FU5982

Description	Secvest 2WAY demo case (DE, NL, FR)	Secvest 2WAY demo case (UK, DK, IT)	Secvest Key 2WAY demo door model
Features	• For professional product presentation when visiting customers • Functional system in high-quality aluminum case • Contains all important components		• High-quality door section • Fits with the shop-in-shop system • With fully functional Secvest Key 2WAY for live demonstration
Scope of delivery includes	Secvest 2WAY wireless alarm panel • wireless smoke detector • wireless motion detector • white and brown wireless magnetic contact • wireless shock detector • wireless keypad • wireless remote control • wireless emergency transmitter • wireless info module • proximity chip key • wireless outdoor sounder • power supply unit • case		

Item number	FU8003	FU8009	FU5982
Price exclude VAT	€ 1,999.00 • £ 1,739.00 • $ 2,599.00	€ 1,999.00 • £ 1,739.00 • $ 2,599.00	€ 399.00 • £ 347.00 • $ 519.00

Marketing material

Item number	MP0S10006 UPDATE			

Description	Network cameras POS flyer
Features	• The wave of the future: present the world of IP-based video surveillance to your customers! • Video images via LAN and WLAN with a resolution of up to 2 megapixels

General information	• Suitable for placement on the sales counter or on a rack • In DIN long format, also suitable as an item to accompany invoices, as a circular, or for direct mail campaigns • There is a reserved space for your company stamp on the back page
Dimensions (W × H)	99 × 210 mm
Scope of delivery includes	50 flyers
Item number	MP0S10006
Price exclude VAT	€ 6.50 • £ 5.66 • $ 8.45

Item number	VF1350	VF1352	VF1351	VF1353

Description	ABUS car sticker for lightly colored cars/large	ABUS car sticker for lightly colored cars/small	ABUS car sticker for dark cars/large	ABUS car sticker for dark cars/small
Features	• With the ABUS logo on your company car, you profit from the good reputation of the brand • Note: This sticker is especially suited for lightly colored cars (Security Tech Germany in gray)		• With the ABUS logo on your company car, you profit from the good reputation of the brand • Note: This sticker is especially suited for dark cars (Security Tech Germany in white)	

Dimensions (W × H)	200 × 80 mm	150 × 60 mm	200 × 80 mm	150 × 60 mm
Scope of delivery includes	Sticker	Sticker	Sticker	Sticker
Item number	VF1350	VF1352	VF1351	VF1353
Price exclude VAT	€ 6.00 • £ 5.22 • $ 7.80	€ 5.00 • £ 4.35 • $ 6.50	€ 6.00 • £ 5.22 • $ 7.80	€ 5.00 • £ 4.35 • $ 6.50

HD transmission via coaxial cable

HD-SDI cameras feed uncompressed video images with HD 1080p resolution at 25 frames/sec. into a coaxial cable, which transmits the signal to an HD-SDI recorder or HDMI-compatible screen.
The advantage is that HD resolution offers a maximum on detail. The surveillance area is expanded up to five times that of standard analog resolution.

The good feeling of security